LONG SON PETROCHEMICALS

Master Document Index (MDI)

ABBREVIATION				
**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
Category Code: =Index!B30 =Index!C30																			
Category Code: A03 Technology transfer dossiers																			
Category Code: A04 Confidentiality Agreements																			
Category Code: A05 Laws and Regulations																			
Category Code: A06 Local content																			
Category Code: A09 Arbitration and Dispute Resolution																			
Category Code: A10 Guarantee of Labour Payment Affidavit																			
Category Code: A11 Termination or Amendment of Contracts																			
Category Code: A12 Liquidation Contract																			
Category Code: A13 Claim & Complaint from contractors																			
Category Code: A14 Claim & Complaint to contractors																			
Category Code: A15 Variation Change Notice																			
Category Code: A16 ITC - Instruction to Contractor																			
Category Code: A17 Contract Variation Form																			
Category Code: A18 License Agreement																			
Category Code: A19 Supplement Dossier																			
Category Code: A20 Certificates																			
Category Code: A21 Approval Letter																			
Category Code: A30 Certificate of Work Completion																			
Category Code: A41 Power of Attorney																			
Category Code: A42 Power of Attorney																			
Category Code: A43 Power of Attorney																			
Category Code: A44 Power of Attorney																			
Category Code: A51 Contract Document of Consultancy Service																			
Category Code: A52 Contract Document of EPC Contractor																			
Category Code: A53 Contract Document of Vendor/Supplier																			
Category Code: A61 Records of Management of Change (before final investment decision)																			
Category Code: A62 Records of Management of Change (after final investment decision)																			
Category Code: A71 Appraisal Report for Consultancy Service																			
Category Code: A72 Appraisal Report for EPC Contractor Work																			
Category Code: A73 Appraisal Report for Vendor/Supplier																			
Category Code: A91 Index/List																			
Category Code: A92 Procedures & Standards																			
Category Code: A93 Policy , Guidelines & Memo																			
Category Code: A94 Forms & Templates																			
Category Code: A95 Progress/Status Reports																			
Category Code: B01 Project Schedule																			
Category Code: B71 Appraisal Report for Consultancy Service																			
Category Code: B72 Appraisal Report for EPC Contractor Work																			
Category Code: B73 Appraisal Report for Vendor/Supplier																			
Category Code: B91 Index/List																			
Category Code: B92 Procedures & Standards																			
Category Code: B93 Policy , Guidelines & Memo																			
Category Code: B94 Forms & Templates																			
Category Code: B95 Progress/Status Reports																			
Category Code: C01 Subvendor List																			
	PL	OL1-2C01-0001	Subvendor List For Compressor And Turboexpander - Abstract From Approved Vendor List	Class 2	Purpose**	IMP													
					Rev.	0													
					Issue Plan														
					Revised Plan	05/10/2018													
					Issue Actual	05/10/2018													
					Transmittal no.	TPSK-LSPA1-T-PL-00134													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C01-0002	Subvendor list for PSA/Deareator/Filter Package	Class 2	Purpose**	IMP													
					Rev.	0													
					Issue Plan														
					Revised Plan	19/11/2018													
					Issue Actual	19/11/2018													
					Transmittal no.	TPSK-LSPA1-T-PL-00333													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C01-0003	Subvendor list for Pumps		Purpose**	IMP													
				Class 2	Rev.	0													
					Issue Plan														
					Revised Plan	19/11/2018													
					Issue Actual	19/11/2018													
					Transmittal no.	TPSK-LSPA1-T-PL-00333													
					Return Date														
					Owner Cmmt*														
Category Code: C10 Request for Quotation (RFQ) for Civil work (Engineering and Procurement)					Purpose**														
Category Code: C11 Request for Quotation (RFQ) for Building work (Engineering and Procurement)					Rev.														
Category Code: C12 Request for Quotation (RFQ) for Steel Structure work (Engineering and Procurement)					Issue Plan														
	PL	OL1-2C12-00000	Material Requisition For Steel Structures	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	06/05/2019	13/09/2019												
					Revised Plan	18/03/2019	13/09/2019												
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-1010													
					Return Date	07/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C12-30100	Material Requisition for Radiant Steel Panel	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/04/2019													
					Issue Actual	02/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01229													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C12-30700	Material Requisition for Radiant Steel Panel	Class 2	Purpose**	IFQ													
					Rev.														
					Issue Plan	16/07/2019													
					Revised Plan	02/04/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C12-30800	Material Requisition for Utility Steel	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	16/07/2019													
					Revised Plan	16/07/2019													
					Issue Actual	21/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01952													
					Return Date														
					Owner Cmmt*														
Category Code: C13 Request for Quotation (RFQ) for Mechanical work (Engineering and Procurement)																			
	ME	OL1-2C13-10000	Material Requisition For Shop Assembled Large Columns	Class 2	Purpose**	IFQ	IFP												

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LSP-2W91-0001	10

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Item	Org.	Document No.	Document Name	Classification															
					Rev.	A	0												
					Issue Plan	15/05/2019	26/09/2019												
					Revised Plan	07/01/2019	30/04/2019												
					Issue Actual	07/01/2019	30/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00586	TPSK-LSPA1-T-PL-01526												
					Return Date	24/01/2019	20/05/2019												
					Owner Cmmt*	R2	R2												
	PL	OL1-2C13-10100	Material Requisition For Shop Assembled Columns	Class 2	Purpose**	IFQ	IFP												
					Rev.	A	0												
					Issue Plan	15/05/2019	26/09/2019												
					Revised Plan	23/01/2019	26/09/2019												
					Issue Actual	23/01/2019	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00705	TPSK-LSPA1-T-PL-01989												
					Return Date	06/06/2019	10/07/2019												
					Owner Cmmt*	R1	R1												
	PL	OL1-2C13-10200	Material Requisition For Shop Assembled Columns (C4 Unit)	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	15/05/2019	26/09/2019												
					Revised Plan	09/05/2019	26/09/2019												
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01623													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C13-11100	Material Requisition For Reactors And Thicker Vessels Requisition For Iinquiry	Class 2	Purpose**	IFQ	IFP												
					Rev.	A	0												
					Issue Plan	22/01/2019	18/06/2019												
					Revised Plan	25/02/2019	18/06/2019												
					Issue Actual	25/02/2019	25/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00918	TPSK-LSPA1-T-PL-01972												
					Return Date	06/06/2019	04/07/2019												
					Owner Cmmt*	R1	R2												
	PL	OL1-2C13-12000	Material Requisition for Deaerator D-5100	Class 2	Purpose**	IFQ	IFP												
					Rev.	A	0												
					Issue Plan	06/11/2018	15/02/2019												
					Revised Plan	06/11/2018	01/04/2019												
					Issue Actual	06/11/2018	01/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00270	TPSK-LSPA1-T-PL-01210												
					Return Date	29/11/2018	06/06/2019												
					Owner Cmmt*	R1	R1												
	PL	OL1-2C13-13100	Material Requisition For Shop Assembled Large Drums	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	03/06/2019	30/10/2019												
					Revised Plan	01/03/2019	30/10/2019												
					Issue Actual	01/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-00967													
					Return Date	06/06/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C13-13200	Material Requisition For Shop Assembled CS Drums	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	03/06/2019	30/10/2019												
					Revised Plan	12/03/2019	30/10/2019												
					Issue Actual	12/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01032													
					Return Date	06/06/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C13-13300	Material Requisition For Shop Assembled CS Cladded And SS Vessels	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	03/06/2019	30/10/2019												
					Revised Plan	26/03/2019	30/10/2019												
					Issue Actual	26/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01156													
					Return Date	06/06/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C13-13400	Material Requisition for Shop Assembled Drums (C4 Unit)	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	03/06/2019													
					Revised Plan	03/06/2019													
					Issue Actual	01/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02033													
					Return Date	11/07/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C13-14000	Material Requisition for Quench Exchangers	Class 2	Purpose**	IFQ	IFP												
					Rev.		1												
					Issue Plan	26/10/2018	17/12/2018												
					Revised Plan	26/10/2018	16/01/2019												
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-PL-01221												
					Return Date		20/06/2019												
					Owner Cmmt*		R2												
	PL	OL1-2C13-14200	Material Requisition Plate And Frame Heat Exchangers Requisition For Purchase	Class 2	Purpose**	IFQ	IFP	IFP	IFP										
					Rev.	A	0	1	2										
					Issue Plan	08/10/2018	14/02/2019												
					Revised Plan	03/10/2018	25/02/2019												
					Issue Actual	03/10/2018	25/02/2019	25/06/2019	09/07/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00124	TPSK-LSPA1-T-PL-00916	TPSK-LSPA1-T-PL-01971	TPSK-LSPA1-T-PL-02098										
					Return Date	24/10/2018	06/06/2019	04/07/2019	15/07/2019										
					Owner Cmmt*	A1	R1	R1	R1										
	PL	OL1-2C13-14300	Material Requisition For Heat Recovery System Requisition For Purchase	Class 2	Purpose**	IFP	IFP												
					Rev.	0	1												
					Issue Plan														
					Revised Plan	21/02/2019	23/04/2019												
					Issue Actual	21/02/2019	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00906	TPSK-LSPA1-T-PL-01452												
					Return Date	06/06/2019	20/05/2019												
					Owner Cmmt*	R2	R2												
	PL	OL1-2C13-14400	Material Requisition For Cold Box And Core Exchangers Requisition For Purchase	Class 2	Purpose**	IFQ	IFQ	IFP											
					Rev.	A	B	0											
					Issue Plan	15/10/2018		21/02/2019											
					Revised Plan	03/10/2018		15/04/2019											
					Issue Actual	03/10/2018	10/10/2018	15/04/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00125	TPSK-LSPA1-T-ME-00153	TPSK-LSPA1-T-PL-1351											
					Return Date	24/10/2018	02/11/2018	20/05/2019											
					Owner Cmmt*	A1	R1	R1											
	PL	OL1-2C13-14500	Material Requisition For Hairpin Heat Exchangers Requisition For Inquiry	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	30/01/2019	10/05/2019												
					Revised Plan	13/03/2019	28/06/2019												

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Item	Org.	Document No.	Document Name	Classification			Period for Company's comment		Working Days
					Issue Actual	13/03/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-01046			
					Return Date	06/06/2019			
					Owner Cmmt*	R1			
	PL	OL1-2C13-15100	Material Requisition For Condensate Carbon Filter Package	Class 2	Purpose**	IFQ	IFP		
					Rev.	A			
					Issue Plan	19/03/2019	16/07/2019		
					Revised Plan	18/03/2019	16/07/2019		
					Issue Actual	13/03/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-01039			
					Return Date	07/06/2019			
					Owner Cmmt*	R2			
	PL	OL1-2C13-15200	Material Requisition For Filters And Coalescers	Class 2	Purpose**	IFQ	IFP		
					Rev.	A	0		
					Issue Plan	24/01/2019	30/05/2019		
					Revised Plan	28/01/2019	15/05/2019		
					Issue Actual	28/01/2019	17/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-00737	TPSK-LSPA1-T-PL-01689		
					Return Date	06/06/2019	30/05/2019		
					Owner Cmmt*	R2	R2		
	PL	OL1-2C13-16100	Material Requisition for Silencers	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan	18/03/2019			
					Revised Plan	05/07/2019			
					Issue Actual	15/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-02146			
					Return Date				
					Owner Cmmt*				
	PL	OL1-2C13-20100	MATERIAL REQUISITION FOR SITE ASSEMBLED TANKS	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan	03/06/2019			
					Revised Plan	03/06/2019			
					Issue Actual	17/05/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-01688			
					Return Date	31/05/2019			
					Owner Cmmt*	R2			
	PL	OL1-2C13-20200	MATERIAL REQUISITION FOR FRP TANK	Class 2	Purpose**	IFI			
					Rev.	A			
					Issue Plan				
					Revised Plan	13/05/2019			
					Issue Actual	13/05/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-01646			
					Return Date	31/05/2019			
					Owner Cmmt*	R2			
	PL	OL1-2C13-24200	Material Requisition For Trays For Columns	Class 2	Purpose**	IFQ	IFP	IFP	
					Rev.		0	1	
					Issue Plan	17/12/2018	10/04/2019		
					Revised Plan	09/11/2018	15/04/2019		
					Issue Actual		15/04/2019	10/06/2019	
					Transmittal no.		TPSK-LSPA1-T-PL-01352	TPSK-LSPA1-T-PL-01844	
					Return Date		20/05/2019		
					Owner Cmmt*		R1		
	PL	OL1-2C13-24300	Material Requisition For Ripple Trays And Internals	Class 2	Purpose**	IFP			
					Rev.	0			
					Issue Plan				
					Revised Plan	11/01/2019			
					Issue Actual	11/01/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-00628			
					Return Date	06/06/2019			
					Owner Cmmt*	R2			
	PL	OL1-2C13-24400	MATERIAL REQUISITION FOR TRAYS FOR COLUMNS	Class 2	Purpose**	IFQ	IFP		
					Rev.	A			
					Issue Plan	27/03/2019	09/07/2019		
					Revised Plan	08/04/2019	09/07/2019		
					Issue Actual	08/04/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-01268			
					Return Date	07/06/2019			
					Owner Cmmt*	R2			
	PL	OL1-2C13-24500	Material Requisition For High Efficiency Internals For Columns Requisition For Purchase	Class 2	Purpose**	IFQ			
					Rev.				
					Issue Plan	24/12/2018			
					Revised Plan	07/11/2018			
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PL	OL1-2C13-24600	Material Requisition for Packing of Columns (C4 Unit)	Class 2	Purpose**	IFQ	IFR		
					Rev.	A	0		
					Issue Plan				
					Revised Plan	28/03/2019	08/07/2019		
					Issue Actual	28/03/2019	08/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01182	TPSK-LSPA1-T-PL-02081		
					Return Date	07/06/2019	16/07/2019		
					Owner Cmmt*	R1	R1		
	PL	OL1-2C13-25100	Material Requisition For API Mechanical Seals and Seal System	Class 2	Purpose**	IFQ	IFP	IMP	
					Rev.	A		0	
					Issue Plan	17/01/2019	01/05/2019		
					Revised Plan	22/02/2019	28/06/2019	09/07/2019	
					Issue Actual	28/02/2019		09/07/2019	
					Transmittal no.	TPSK-LSPA1-T-PL-00949		TPSK-LSPA1-T-PL-02096	
					Return Date				
					Owner Cmmt*				
	PL	OL1-2C13-27100	Material Requisition For Wieland Tubes - Solo Source - Requisition For Purchase - Ex Doc. Client Reference	Class 2	Purpose**	IFQ	IFP		
					Rev.	A	0		
					Issue Plan	03/06/2019	30/10/2019		
					Revised Plan	28/11/2018	08/02/2019		
					Issue Actual	28/11/2018	08/02/2019		
					Transmittal no.	TPSK-LSPA1-T-ME-00377	TPSK-LSPA1-T-PL-00829		
					Return Date	07/02/2019			
					Owner Cmmt*	R1			
	PL	OL1-2C13-27200	Material Requisition For S&T Heat Exchangers - Large - Requisition For Inquiry	Class 2	Purpose**	IFQ	IFP		
					Rev.	A			
					Issue Plan	03/06/2019	30/10/2019		
					Revised Plan	16/02/2019	30/10/2019		
					Issue Actual	13/02/2019			
					Transmittal no.	TPSK-LSPA1-T-PL-00849			
					Return Date	27/02/2019			

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					Owner Cmmt*	R2												
	PL	OL1-2C13-27300	Material Requisition For CS S-T Heat Exchangers Requisition For Inquiry	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	03/06/2019	30/10/2019											
					Revised Plan	16/02/2019	30/10/2019											
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00866												
					Return Date	06/06/2019												
					Owner Cmmt*	R1												
	PL	OL1-2C13-27400	Material Requisition For CS Clad SS And LAS S-T Heat Exchangers Requisition For Inquiry	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	03/06/2019	30/10/2019											
					Revised Plan	16/02/2019	30/10/2019											
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00870												
					Return Date	06/06/2019												
					Owner Cmmt*	R1												
	PL	OL1-2C13-27500	Material Requisition For CS S&T Heat Exchangers (C4 UNIT)	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan	03/06/2019												
					Revised Plan	03/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01838												
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-28100	Material Requisition for Furnace Convection Finnings	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	21/01/2019	20/03/2019											
					Revised Plan	23/01/2019	15/03/2019											
					Issue Actual	23/01/2019	15/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-00713	TPSK-LSPA1-T-PL-01085											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-28200	Material Requisition for Convection Fabrication	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	16/07/2019	21/10/2019											
					Revised Plan	11/04/2019	21/10/2019											
					Issue Actual	11/04/2019	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-01316	TPSK-LSPA1-T-PL-01798											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-28300	Material Requisition for Radiant Refractory	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	07/02/2019	15/04/2019											
					Revised Plan	20/03/2019	13/05/2019											
					Issue Actual	20/03/2019	13/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01108	TPSK-LSPA1-T-PL-01657											
					Return Date		19/06/2019											
					Owner Cmmt*		R1											
	PL	OL1-2C13-28400	Material Requisition for Peep Doors	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	10/12/2018	03/04/2019											
					Revised Plan	13/12/2018	27/03/2019											
					Issue Actual	14/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00502	TPSK-LSPA1-T-PL-01181											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-28500	Material Requisition for MOVs	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	18/12/2018	19/03/2019											
					Revised Plan	17/12/2018	01/04/2019											
					Issue Actual	18/12/2018	01/04/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00534	TPSK-LSPA1-T-PL-01219											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-28600	Material Requisition for Attemperators	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	16/01/2019	03/04/2019											
					Revised Plan	30/01/2019	28/05/2019											
					Issue Actual	30/01/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-00771	TPSK-LSPA1-T-PL-01756											
					Return Date	07/06/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PL	OL1-2C13-30000	Material Requisition for Radiant Coil Assemblies	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan	19/09/2018	14/02/2019											
					Revised Plan	19/09/2018	16/01/2019											
					Issue Actual	18/09/2018	14/12/2018	25/03/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00063	TPSK-LSPA1-T-ME-00499	TPSK-LSPA1-T-PL-01139										
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-30100	Material Requisition for Furnace ID Fans	Class 2	Purpose**	IFQ	IFP											
					Rev.		0											
					Issue Plan	05/11/2018	17/01/2019											
					Revised Plan	05/11/2018	20/03/2019											
					Issue Actual		20/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PL-01109											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-30200	Material Requisition for Cast Intermediate Tube Supports	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan	16/11/2018	28/01/2019											
					Revised Plan	16/11/2018	16/01/2019											
					Issue Actual	16/11/2018	20/12/2018	25/03/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00329	TPSK-LSPA1-T-ME-00542	TPSK-LSPA1-T-PL-01139										
					Return Date	10/12/2018												
					Owner Cmmt*	R1												
	PL	OL1-2C13-30300	Material Requisition for Convection Tubes	Class 2	Purpose**	IFP	IFP											
					Rev.	0	1											
					Issue Plan	21/10/2019												
					Revised Plan	21/10/2019												
					Issue Actual	10/12/2018	25/03/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00450	TPSK-LSPA1-T-PL-01139											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-30400	Material Requisition for Furnace Convection Fittings	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	22/10/2018	21/12/2018											
					Revised Plan	22/10/2018	16/01/2019											
					Issue Actual	22/10/2018	07/01/2019	25/03/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00207	TPSK-LSPA1-T-ME-00592	TPSK-LSPA1-T-PL-01139										
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-30500	Material Requisition for Furnace Steam Drums	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan	26/10/2018	17/12/2018											
					Revised Plan	01/11/2018	16/01/2019											
					Issue Actual	01/11/2018	17/12/2018	25/03/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00263	TPSK-LSPA1-T-ME-00518	TPSK-LSPA1-T-PL-01139										
					Return Date													
					Owner Cmmt*													
	ME	OL1-2C13-30600	Material Requisition for Furnace Burners	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	13/11/2018	23/01/2019											
					Revised Plan	13/11/2018	07/02/2019											
					Issue Actual	13/11/2018	07/02/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00313	TPSK-LSPA1-T-ME-00820											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-31100	Material Requisition for Cooling Tower	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	31/10/2018	26/03/2019											
					Revised Plan	30/10/2018	24/04/2019											
					Issue Actual	06/11/2018	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00276	TPSK-LSPA1-T-PL-01460											
					Return Date	15/02/2019	24/05/2019											
					Owner Cmmt*	R1	R1											
	PL	OL1-2C13-32100	Material Requisition For Ladders And Platforms For Equipment Requisition For Inquiry	Class 2	Purpose**	IFI												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/05/2019												
					Issue Actual	07/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01593												
					Return Date	23/05/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-40100	Material Requisition For Centrifugal Compressors Steam Turbine Driven - Ex Document Cliet Reference OL	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan	04/10/2018	03/04/2019											
					Revised Plan	08/10/2018	21/03/2019											
					Issue Actual	08/10/2018	21/03/2019	19/04/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00136	TPSK-LSPA1-T-PL-01124	TPSK-LSPA1-T-PL-01420										
					Return Date	26/10/2018		20/05/2019										
					Owner Cmmt*	R1		R1										
	PL	OL1-2C13-40200	Material Requisition for Integrally Geared Decoking Air Compressors - Ex Document Client Reference OL1-	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan	18/10/2018												
					Revised Plan	19/10/2018												
					Issue Actual	19/10/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00198												
					Return Date	07/11/2018												
					Owner Cmmt*	R1												
	PL	OL1-2C13-40300	Material Requisition for Recycle Gas Compressor	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	25/02/2019	22/07/2019											
					Revised Plan	24/01/2019	22/07/2019											
					Issue Actual	23/01/2019	10/07/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-00714	TPSK-LSPA1-T-PL-02106											
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-40400	Material Requisition For General Purpose Steam Turbines	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-02131												
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-42100	Material Requisition For Residue Gas Expander/Recompressor	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan	05/10/2018	05/04/2019											
					Revised Plan	09/10/2018	21/03/2019											
					Issue Actual	09/10/2018	21/03/2019	23/04/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00139	TPSK-LSPA1-T-PL-01118	TPSK-LSPA1-T-PL-01443										
					Return Date	26/10/2018		20/05/2019										
					Owner Cmmt*	R1		R1										
	PL	OL1-2C13-44000	Material Requisition for Cooling Water Pumps	Class 2	Purpose**	IFQ												
					Rev.													
					Issue Plan	31/01/2019												
					Revised Plan	14/11/2018												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-44100	Material Requisition For API Centrifugal Pumps - LLI	Class 2	Purpose**	IFQ												
					Rev.													
					Issue Plan	31/01/2019												
					Revised Plan	31/10/2018												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-44200	Material Requisition For API Centrifugal Pumps	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	31/01/2019	23/05/2019											
					Revised Plan	19/02/2019	23/05/2019											
					Issue Actual	19/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00880												
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-44300	Material Requisition For Submersible Pumps	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan	31/01/2019												
					Revised Plan	24/05/2019												
					Issue Actual	24/05/2019												

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-PL-01736												
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-44600	Material Requisition For API 685 Sealless Pump	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-02034												
					Return Date	16/07/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-45100	Material Requisition For Vent Gas Blower	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	21/12/2018	30/04/2019											
					Revised Plan	04/03/2019	19/07/2019											
					Issue Actual	07/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01001												
					Return Date	27/03/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-70000	Material Requisition For Electric Heater	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/04/2019												
					Issue Actual	18/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01409												
					Return Date	30/05/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-70100	Material Requisition for Condensate Polisher Package	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	22/02/2019	10/06/2019											
					Revised Plan	27/02/2019	10/06/2019											
					Issue Actual	27/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00940												
					Return Date	07/06/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-70200	Material Requisition For Complex Waste Water Treatment Package	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	25/01/2019	31/05/2019											
					Revised Plan	15/02/2019	31/05/2019											
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00862												
					Return Date	07/06/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-70400	Material Requisition for Wet Air Oxidation Package	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan	30/11/2018	15/04/2019											
					Revised Plan	22/11/2018	08/05/2019											
					Issue Actual	27/11/2018	08/05/2019	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00367	TPSK-LSPA1-T-PL-01611	TPSK-LSPA1-T-PL-01943										
					Return Date	07/02/2019	16/06/2019	08/07/2019										
					Owner Cmmt*	R1	R2	R1										
	PL	OL1-2C13-70500	Material Requisition For Hydrogen Production Unit PK-2560	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	14/11/2018	15/02/2019											
					Revised Plan	06/11/2018	06/05/2019											
					Issue Actual	06/11/2018	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00271	TPSK-LSPA1-T-PL-01580											
					Return Date	07/02/2019	27/05/2019											
					Owner Cmmt*	R1	R2											
	PL	OL1-2C13-70600	Material Requisition for Side Stream Filter Package	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	07/11/2018	05/04/2019											
					Revised Plan	29/10/2018	27/03/2019											
					Issue Actual	31/10/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00248	TPSK-LSPA1-T-PL-01165											
					Return Date	27/11/2018	07/06/2019											
					Owner Cmmt*	R1	R1											
	PL	OL1-2C13-70700	Material Requisition For Chemical Dosing System	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	06/04/2019	02/07/2019											
					Revised Plan	26/04/2019	02/07/2019											
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01491												
					Return Date	31/05/2019												
					Owner Cmmt*	R1												
	PL	OL1-2C13-70800	MR for HP / Polyolefins Flare Package	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan	18/02/2019	21/06/2019											
					Revised Plan	17/01/2019	21/06/2019											
					Issue Actual	17/01/2019	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-00665	TPSK-LSPA1-T-PL-01951											
					Return Date	11/06/2019	08/07/2019											
					Owner Cmmt*	R2	R1											
	ME	OL1-2C13-70900	Material Requisition for Furnace Elevator	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	19/12/2018	19/02/2019											
					Revised Plan	22/01/2019	24/05/2019											
					Issue Actual	22/01/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00697												
					Return Date	14/02/2019												
					Owner Cmmt*	R2												
	PL	OL1-2C13-77100	Material Requisition For Bridge Crane	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	09/05/2019	15/09/2019											
					Revised Plan	22/02/2019	15/09/2019											
					Issue Actual	22/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PC-00914												
					Return Date													
					Owner Cmmt*													
	PL	OL1-2C13-80100	Material Requisition For Ejectors And Static Mixers	Class 2	Purpose**	IFQ	IFP											
					Rev.	A												
					Issue Plan	05/04/2019	24/07/2019											
					Revised Plan	18/04/2019	24/07/2019											
					Issue Actual	18/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01408												
					Return Date	24/05/2019												
					Owner Cmmt*	R2												

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
Category Code: C14 Request for Quotation (RFQ) Piping work (Engineering and Procurement)																			
	PL	OL1-2C14-10000	Material Requisition For Gate Globe And Check Forged Valves	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	13/04/2019	15/10/2020												
					Revised Plan	03/05/2019	15/10/2020												
					Issue Actual	03/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01567													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-11000	Material Requisition For Gate Globe And Check Cast Valves Low Pressure	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	13/04/2019	01/07/2020												
					Revised Plan	06/05/2019	01/07/2020												
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01574													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-11500	Material Requisition For Gate Globe Check Cast Valves High Pressure	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/05/2019													
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01579													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-12000	Material Requisition For Butterfly Valves Low Pressure Category A	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/05/2019													
					Issue Actual	07/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01592													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-12500	Material Requisition For Butterfly Valves High Performance (Category B)	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	13/04/2019	01/07/2020												
					Revised Plan	06/05/2019	01/07/2020												
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01575													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-13000	Material Requisition For Plug Valves	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	13/04/2019	01/07/2020												
					Revised Plan	06/05/2019	01/07/2020												
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01576													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-14000	Material Requisition For Ball Valves	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	13/04/2019	01/07/2020												
					Revised Plan	06/05/2019	01/07/2020												
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01577													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-15000	Material Requisition For Dual Plate Check Valves	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	13/04/2019	01/07/2020												
					Revised Plan	06/05/2019	01/07/2020												
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01578													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-21000	Material Requisition For Carbon Steel Seamless Pipe	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	06/04/2019	15/10/2020												
					Revised Plan	30/04/2019	15/10/2020												
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01525													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-21500	Material Requisition For Carbon Steel Welded Pipe	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	06/04/2019	17/06/2020												
					Revised Plan	30/04/2019	17/06/2020												
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01527													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-22000	Material Requisition For Alloy Steel Seamless Pipe	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	06/04/2019	17/06/2020												
					Revised Plan	30/04/2019	17/06/2020												
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01528													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-22500	Material Requisition For Alloy Steel Welded Pipe	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	06/04/2019	17/06/2020												
					Revised Plan	30/04/2019	17/06/2020												
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01529													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-23000	Material Requisition For Stainless Steel Seamless Pipe	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	06/04/2019	15/10/2020												
					Revised Plan	02/05/2019	15/10/2020												
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01553													
					Return Date	20/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C14-23500	Material Requisition For Stainless Steel Welded Pipe	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
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		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification				
					Issue Plan	06/04/2019	15/10/2020	
					Revised Plan	02/05/2019	15/10/2020	
					Issue Actual	02/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01555		
					Return Date	20/05/2019		
					Owner Cmmt*	R2		
	PL	OL1-2C14-25000	Material Requisition For Buttwelding Fittings	Class 2	Purpose**	IFQ	IFP	
					Rev.	A		
					Issue Plan	06/04/2019	15/10/2020	
					Revised Plan	02/05/2019	15/10/2020	
					Issue Actual	02/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01557		
					Return Date	20/05/2019		
					Owner Cmmt*	R2		
	PL	OL1-2C14-26000	Material Requisition For Forged Fittings	Class 2	Purpose**	IFQ	IFP	
					Rev.	A		
					Issue Plan	06/04/2019	15/10/2020	
					Revised Plan	02/05/2019	15/10/2020	
					Issue Actual	02/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01559		
					Return Date	20/05/2019		
					Owner Cmmt*	R2		
	PL	OL1-2C14-27000	Material Requisition For Flanges Blinds And Drip Rings	Class 2	Purpose**	IFQ	IFP	
					Rev.	A		
					Issue Plan	06/04/2019	15/10/2020	
					Revised Plan	02/05/2019	15/10/2020	
					Issue Actual	02/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01558		
					Return Date	20/05/2019		
					Owner Cmmt*	R2		
	PL	OL1-2C14-36000	Material Requisition For Carbon Steel Underground Piping	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	01/03/2019		
					Issue Actual	01/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-00969		
					Return Date	06/06/2019		
					Owner Cmmt*	R2		
	PL	OL1-2C14-36500	Material Requisition For Underground Welded Carbon Steel Pipes	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	04/03/2019		
					Issue Actual	04/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-00975		
					Return Date	06/06/2019		
					Owner Cmmt*	R2		
	PL	OL1-2C14-50200	Material Requisition for SP Item Angle Valves	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	20/02/2019		
					Revised Plan	24/05/2019		
					Issue Actual	04/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01800		
					Return Date			
					Owner Cmmt*			
	PL	OL1-2C14-50300	Material Requisition for SP Item - Sample Cooler	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	20/02/2019		
					Revised Plan	24/05/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-02057		
					Return Date			
					Owner Cmmt*			
	PL	OL1-2C14-50400	Material Requisition for SP Item T-Type Filter	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	20/02/2019		
					Revised Plan	24/05/2019		
					Issue Actual	26/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01996		
					Return Date			
					Owner Cmmt*			
	PL	OL1-2C14-50500	Material Requisition for SP Item Isokinetic Sampling Nozzle	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	20/02/2019		
					Revised Plan	24/05/2019		
					Issue Actual	07/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-01833		
					Return Date			
					Owner Cmmt*			
	PL	OL1-2C14-50600	Material Requisition for SP Item - Vent Silencer	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-02060		
					Return Date			
					Owner Cmmt*			
Category Code: C15 Request for Quotation (RFQ) for Fire Fighting work (Engineering and Procurement)								
	PL	OL1-2C15-82100	Material Requisition for Fire Fighting and Safety Equipment Package	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	05/07/2019		
					Revised Plan	05/07/2019		
					Issue Actual	08/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-02083		
					Return Date			
					Owner Cmmt*			
	PL	OL1-2C15-82200	Material Requisition for Deluge and Sprinkler System Package	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	05/07/2019		
					Revised Plan	05/07/2019		
					Issue Actual	08/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PL-02083		
					Return Date			
					Owner Cmmt*			
	PL	OL1-2C15-82300	Material Requisition for Clean Agent Fire Extinguishing System	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan	05/07/2019		
					Revised Plan	05/07/2019		

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		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	08/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02083													
					Return Date														
					Owner Cmmt*														
Category Code: C16 Request for Quotation (RFQ) for Electrical and HVAC work (Engineering and Procurement)																			
	PL	OL1-2C16-3400	Material Requisition for HVAC System	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	28/08/2019													
					Revised Plan	28/08/2019													
					Issue Actual	08/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02092													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C16-80000	Material Requisition For Cathodic Protection System	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	18/03/2020													
					Revised Plan	18/03/2020													
					Issue Actual	24/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01735													
					Return Date	20/06/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C16-85100	MATERIAL REQUISITION FOR SAFETY SUPERVISORY SYSTEM	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	04/03/2019	15/01/2020												
					Revised Plan	05/03/2019	15/01/2020												
					Issue Actual	05/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-00984													
					Return Date	05/04/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C16-88100	MATERIAL REQUISITION FOR INTERCOM/PAGING/AUDIBLE ALARM SYSTEM	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	04/03/2019	15/01/2020												
					Revised Plan	05/03/2019	15/01/2020												
					Issue Actual	05/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-00984													
					Return Date	10/04/2019													
					Owner Cmmt*	R2													
Category Code: C17 Request for Quotation (RFQ) for Instrumentation work (Engineering and Procurement)																			
	PL	OL1-2C17-01020	MR for Pitot Tube	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	04/06/2019													
					Revised Plan	04/06/2019													
					Issue Actual	02/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02035													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01030	MR For Electromagnetic Flow Meter	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	04/06/2019													
					Revised Plan	04/06/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02078													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01060	MR For Mass Flow Meters Coriolis Effect	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	04/06/2019													
					Revised Plan	04/06/2019													
					Issue Actual	03/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02049													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01070	MR For Venturi	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	04/06/2019													
					Revised Plan	04/06/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02077													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01080	MR For Ultrasonic Flow Meter	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	04/06/2019													
					Revised Plan	04/06/2019													
					Issue Actual	09/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02093													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01206	Material Requisition for Flow Element Venturi	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/06/2019													
					Issue Actual	27/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02011													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01225	Material Requisition for Restriction Orifice	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01881													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-01400	MR For Vortex Meter	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	04/06/2019													
					Revised Plan	04/06/2019													
					Issue Actual	08/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02082													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C17-02200	Material Requisition for Level Gauges	Class 2	Purpose**	IFQ	IFP												
					Rev.	A													
					Issue Plan	26/03/2019	26/06/2019												
					Revised Plan	17/04/2019	26/06/2019												
					Issue Actual	17/04/2019													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Transmittal no.	TPSK-LSPA1-T-PL-01393											
					Return Date	28/05/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-02206	Material Requisition for Magnetostrictive Level Transmitter & Magnetic Level Gauge	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/06/2019											
					Issue Actual	24/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01960											
					Return Date	08/07/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-02206	Material Requisition for Guided Wave Radar Level Transmitter & Magnetic Level Gauge	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	21/06/2019											
					Issue Actual	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01949											
					Return Date	08/07/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-03201	Instrument Datasheets for Temperature Elements for Furnace Profile	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.	A											
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	01/05/2019	20/09/2019	05/11/2019									
					Issue Actual	01/05/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01542											
					Return Date	24/05/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-03206	Material Requisition for Temperature Elements for Furnace Profile	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	25/06/2019											
					Issue Actual	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01977											
					Return Date	08/07/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-03206	Material Requisition for Temperature Elements for Coil Outlet	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	23/05/2019											
					Issue Actual	23/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01732											
					Return Date	17/06/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-05010	Material Requisition For Control Valves	Class 2	Purpose**	IFQ	IFQ										
					Rev.	A	B										
					Issue Plan	28/05/2019											
					Revised Plan	28/05/2019											
					Issue Actual	13/06/2019	28/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01891	TPSK-LSPA1-T-PL-02017										
					Return Date		10/07/2019										
					Owner Cmmt*		R2										
	PL	OL1-2C17-05040	Material Requisition for Special Control Valves	Class 2	Purpose**	IFQ	IFQ										
					Rev.	A	B										
					Issue Plan	28/05/2019											
					Revised Plan	28/05/2019											
					Issue Actual	13/06/2019	01/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01891	TPSK-LSPA1-T-PL-02022										
					Return Date												
					Owner Cmmt*												
	PL	OL1-2C17-05200	Material Requistion for Control Valves	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	25/04/2019											
					Issue Actual	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01482											
					Return Date	28/05/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-06030	MR For Electric Operated Valves	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan	28/05/2019											
					Revised Plan	28/05/2019											
					Issue Actual	01/07/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-02026											
					Return Date												
					Owner Cmmt*												
	PL	OL1-2C17-07200	Material Requisition for Pressure Relief Valves	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	22/04/2019											
					Issue Actual	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01427											
					Return Date	28/05/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-10100	Material Requisition for Integrated Control And Safety Systems - ICSS	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan	06/06/2019											
					Revised Plan	06/06/2019											
					Issue Actual	13/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01892											
					Return Date												
					Owner Cmmt*												
	PL	OL1-2C17-21205	Material Requisition for O2 & Combustible Analyzer	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	25/06/2019											
					Issue Actual	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01979											
					Return Date	08/07/2019											
					Owner Cmmt*	R2											
	PL	OL1-2C17-23201	Material Requisition for pH and Conductivity Analyzer	Class 2	Purpose**	IFQ	IFQ										
					Rev.	A	B										
					Issue Plan	27/08/2019											
					Revised Plan	27/08/2019											
					Issue Actual	24/05/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01744	TPSK-LSPA1-T-PL-01950										
					Return Date	17/06/2019	08/07/2019										
					Owner Cmmt*	R2	R2										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

****Revision Purpose of Issued Document**

IFR = Issue For Review
IFA = Issue For Approval
IFC = Issue For Construction
IFI = Issue For Information
IFP = Issue For Planning
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/ Execution
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***Owner Feedback (Comment)**

A1 = App. w/o comments
A2 = App. with comments, re-submit not required
A3 = App. with comments, re-submit for review
A4 = Not App., re-submit for approval
R1 = No comments
R2 = Comments as noted

*****Classification**

Class 1 = For Approval
Class 2 = For Review
Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
	PL	OL1-2C17-33010	Material Requisition for Machine Monitoring System - MMS	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan	21/06/2019													
					Revised Plan	21/06/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02149													
					Return Date														
					Owner Cmmt*														
Category Code: C18 Request for Quotation (RFQ) for Chemicals (Engineering and Procurement)																			
	PL	OL1-2C18-26300	Material Requisition For Molecular And HG Sieves	Class 2	Purpose**	IMP													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/03/2019													
					Issue Actual	15/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01076													
					Return Date	01/04/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C18-26400	Material Requisition For Adsorbents	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/04/2019													
					Issue Actual	10/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01295													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C18-26500	Material Requisition For Molecular Sieves	Class 2	Purpose**	IMP													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/03/2019													
					Issue Actual	15/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01077													
					Return Date	01/04/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C18-26600	Material Requisition For Adsorbents	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/04/2019													
					Issue Actual	10/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01299													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C18-26700	Material Requisition For Hg Sieves	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/04/2019													
					Issue Actual	10/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01296													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C18-26800	Material Requisition For Support Balls	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/04/2019													
					Issue Actual	10/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01297													
					Return Date														
					Owner Cmmt*														
Category Code: C20 Technical Bid Evaluation for Civil work (Engineering and Procurement)																			
Category Code: C21 Technical Bid Evaluation for Building work (Engineering and Procurement)																			
Category Code: C22 Technical Bid Evaluation for Steel Structure work (Engineering and Procurement)																			
Category Code: C23 Technical Bid Evaluation for Mechanical work (Engineering and Procurement)																			
	PL	OL1-2C23-0008	Technical Bid Evaluation For Centrifugal Compressor Steam Turbine Driven	Class 2	Purpose**	IFI													
					Rev.	1													
					Issue Plan														
					Revised Plan	01/03/2019													
					Issue Actual	01/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-00947													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C23-0012	Technical Bid Evaluation For Residue Gas Expander - Recompressor	Class 2	Purpose**	IFI	IFI												
					Rev.	1	2												
					Issue Plan														
					Revised Plan	29/01/2019	15/03/2019												
					Issue Actual	29/01/2019	15/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00747	TPSL-LSPA1-T-PL-01057												
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C23-0014	Technical Bid Evaluation For Integrally Geared Decoking Air Compressors	Class 2	Purpose**	IFI													
					Rev.	1													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01595													
					Return Date	26/05/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C23-2011	Technical Bid Tabulation For Attemperators	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	24/05/2019													
					Issue Actual	24/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01734													
					Return Date	21/06/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C23-2013	Technical Bid Tabulation for Radiant Refractory	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01608													
					Return Date	15/07/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C23-2014	Technical Bid Tabulation for Radiant Steel Panel	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	15/05/2019													
					Issue Actual	15/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01649													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date	19/06/2019										
					Owner Cmmt*	R1										
	PL	OL1-2C23-28100	Technical Bid Tabulation for Convection Tubes Finnings	Class 2	Purpose**	IFI										
					Rev.	0										
					Issue Plan											
					Revised Plan	14/03/2019										
					Issue Actual	14/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01048										
					Return Date											
					Owner Cmmt*											
	PL	OL1-2C23-28200	Technical Bid Tabulation for Convection Fabrication	Class 2	Purpose**	IFI										
					Rev.	0										
					Issue Plan											
					Revised Plan	23/05/2019										
					Issue Actual	23/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01719										
					Return Date	19/06/2019										
					Owner Cmmt*	R1										
	PL	OL1-2C23-28500	Technical Bid Tabulation for MOVs	Class 2	Purpose**	IFI										
					Rev.	0										
					Issue Plan											
					Revised Plan	15/03/2019										
					Issue Actual	15/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01053										
					Return Date											
					Owner Cmmt*											
	PL	OL1-2C23-30100	Technical Bid Tabulation for Furnace ID Fans	Class 2	Purpose**	IFI										
					Rev.	0										
					Issue Plan											
					Revised Plan	05/03/2019										
					Issue Actual	05/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PC-00979										
					Return Date											
					Owner Cmmt*											
	PL	OL1-2C23-44000	Technical Bid Evaluation Report for Cooling Water Pumps	Class 2	Purpose**	IFA										
					Rev.	C										
					Issue Plan											
					Revised Plan	11/06/2019										
					Issue Actual	11/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01855										
					Return Date	27/06/2019										
					Owner Cmmt*	R1										
Category Code: C24 Technical Bid Evaluation for Piping work (Engineering and Procurement)																
Category Code: C25 Technical Bid Evaluation for Fire Fighting work (Engineering and Procurement)																
Category Code: C26 Technical Bid Evaluation for Electrical and HVAC work (Engineering and Procurement)																
Category Code: C27 Technical Bid Evaluation for Instrumentation work (Engineering and Procurement)																
Category Code: C28 Technical Bid Evaluation for Chemicals (Engineering and Procurement)																
Category Code: C30 Scope of Supply (SR) for Mechanical Work																
Category Code: C31 Scope of Supply (SR) for Piping Work																
Category Code: C32 Scope of Supply (SR) for Electrical work																
Category Code: C33 Scope of Supply (SR) for Instrumentation work																
Category Code: C34 Scope of Supply (SR) for Civil,Structure and Architecture.																
Category Code: C35 Extend of Supply (SP) Mechanical Work																
Category Code: C36 Extend of Supply (SP) for Piping Work																
Category Code: C37 Extend of Supply (SP) for Electrical work																
Category Code: C38 Extend of Supply (SP) for Instrumentation work																
Category Code: C39 Extend of Supply (SP) for Civil,Structure and Architecture																
Category Code: C40 Deviation List (DL) for Mechanical Work																
	ME	OL1-2C40-14000	Deviation List for Quench Exchangers	Class 2	Purpose**	IFR										
					Rev.	B										
					Issue Plan											
					Revised Plan	26/04/2019										
					Issue Actual	26/04/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-01496										
					Return Date	24/05/2019										
					Owner Cmmt*	R1										
	PL	OL1-2C40-28100	Deviation List for Furnace Convection Finnings	Class 2	Purpose**	IFP										
					Rev.	0										
					Issue Plan											
					Revised Plan	14/03/2019										
					Issue Actual	14/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01056										
					Return Date	07/06/2019										
					Owner Cmmt*	R1										
	PL	OL1-2C40-28200	Deviation List for Convection Fabrication	Class 2	Purpose**	IFR	IFR									
					Rev.	B	C									
					Issue Plan											
					Revised Plan	22/05/2019	30/05/2019									
					Issue Actual	22/05/2019	30/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PL-01718	TPSK-LSPA1-T-PL-01772									
					Return Date	19/06/2019										
					Owner Cmmt*	R2										
	PL	OL1-2C40-28400	Deviation List for Peep Doors	Class 2	Purpose**	IFR	IFP									
					Rev.	B	0									
					Issue Plan											
					Revised Plan	06/02/2019	17/04/2019									
					Issue Actual	06/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00812	TPSK-LSPA1-T-ME-01400									
					Return Date	21/02/2019	28/05/2019									
					Owner Cmmt*	R2	R1									
	PL	OL1-2C40-28500	Deviation List for MOVs	Class 2	Purpose**	IFR										
					Rev.	B										
					Issue Plan											
					Revised Plan	14/03/2019										
					Issue Actual	14/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01050										
					Return Date											
					Owner Cmmt*											
	PL	OL1-2C40-28600	Deviation List for Attemperators	Class 2	Purpose**	IFP										
					Rev.	0										
					Issue Plan											
					Revised Plan	23/05/2019										
					Issue Actual	23/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01733										
					Return Date	19/06/2019										
					Owner Cmmt*	R1										
	PL	OL1-2C40-30000	Deviation List for Radiant Coil	Class 2	Purpose**	IFR										

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION			DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document	*Owner Feedback (Comment)	***Classification		
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001	10
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review		
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information		
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19	
		IFP = Issue For Planning	/ Execution					
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days		

Item	Org.	Document No.	Document Name	Classification															
					Rev.	B													
					Issue Plan														
					Revised Plan	24/04/2019													
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01473													
					Return Date	28/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C40-30100	Deviation List for Furnace ID Fans	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	04/03/2019													
					Issue Actual	04/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-00978													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C40-30500	Deviation List for Furnace Steam Drums	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	25/06/2019													
					Issue Actual	25/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01974													
					Return Date	08/07/2019													
					Owner Cmmt*	R2													
	ME	OL1-2C40-30600	Deviation List for Furnace Buners	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	01/02/2019													
					Issue Actual	01/02/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-00790													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C40-30700	Deviation List for Radiant Steel Panel	Class 2	Purpose**	IFP													
					Rev.	0													
					Issue Plan														
					Revised Plan	15/05/2019													
					Issue Actual	15/05/2019													
					Transmittal no.	LSPA1-TPSK-T-PL-01668													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C40-31100	Deviation List for Cooling Tower	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	08/03/2019													
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-00879													
					Return Date	20/06/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C40-40300	Deviation List for Recycle Gas Compressor	Class 2	Purpose**	IFA	IFA	IFA											
					Rev.	B	C	D											
					Issue Plan														
					Revised Plan	27/05/2019	20/06/2019	10/07/2019											
					Issue Actual	27/05/2019	20/06/2019	10/07/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01745	TPSK-LSPA1-T-PL-01942	TPSK-LSPA1-T-PL-02104											
					Return Date	11/06/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C40-44000	Deviation List for Cooling Water Pumps	Class 2	Purpose**	IFA	IFP												
					Rev.	B	0												
					Issue Plan														
					Revised Plan	07/05/2019	10/07/2019												
					Issue Actual	07/05/2019	10/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-01591	TPSK-LSPA1-T-PL-02114												
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C40-70100	Deviation List for Condensate Polisher Package	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01922													
					Return Date	01/07/2019													
					Owner Cmmt*	R2													
	PL	OL1-2C40-70200	Deviation List For Complex Waste Water Treatment Package	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02127													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C40-70400	Deviation List for Wet Air Oxidation Package	Class 2	Purpose**	IFR	IFR	IFP											
					Rev.	B	C	0											
					Issue Plan														
					Revised Plan	08/04/2019	08/05/2019	20/06/2019											
					Issue Actual	08/04/2019	08/05/2019	20/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PL-01269	TPSK-LSPA1-T-PL-01611	TPSK-LSPA1-T-PL-01943											
					Return Date	19/06/2019	16/06/2019	11/07/2019											
					Owner Cmmt*	R2	R2	R1											
	PL	OL1-2C40-70800	Deviation List for HP/Polyolefins Flare Package	Class 2	Purpose**	IFR	IFR												
					Rev.	B	C												
					Issue Plan														
					Revised Plan	21/05/2019	25/06/2019												
					Issue Actual	21/05/2019	25/06/2019												
					Transmittal no.	LSPA1-TPSK-T-PL-01705	TPSK-LSPA1-T-PL-01968												
					Return Date	18/06/2019	11/07/2019												
					Owner Cmmt*	R2	R1												
	PL	OL1-2C40-70900	Deviation List For Furnace Elevator	Class 2	Purpose**	IFR													
					Rev.	B													
					Issue Plan														
					Revised Plan	08/07/2019													
					Issue Actual	08/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02084													
					Return Date														
					Owner Cmmt*														
Category Code: C41 Deviation List (DL) for Piping Work																			
Category Code: C42 Deviation List (DL) for Electrical work																			
	PL	OL1-2C42-88100	Attachment 4 Deviation List For Intercom/Paging/Audible Alarm System	Class 2	Purpose**	IFP													
					Rev.	0													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan														
					Revised Plan	01/07/2019													
					Issue Actual	01/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02032													
					Return Date	08/07/2019													
					Owner Cmmt*	R1													
Category Code: C43 Deviation List (DL) for Instrumentation work																			
Category Code: C44 Deviation List (DL) for Civil,Structure and Architecture																			
Category Code: C50 Purchase Order (PO) for Civil work, Building work, Steel Structure work																			
Category Code: C51 Purchase Order (PO) for Mechanical work																			
	PL	OL1-2C51-0001	Vendor s Acknowledgment of Purchase Order For Wieland Tubes -Sole Source - MR 0610-0001 Rev 0	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0002	Vendor s Acknowledgment of Purchase Order For Residue Gas Expander Recompressor – MR 1130-0001 Re	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0003	Vendor s Acknowledgment of Purchase Order For Steam Turbine Drive Centrifugal Compressor – MR 1011-	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0004	Vendor s Acknowledgment of Purchase Order For Centrifugal Compressor Steam Turbine Driven Site Servic	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0005	Vendor s Acknowledgment of Purchase Order For Deareator MR-0845-0001	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0006	Vendor s Acknowledgment of Purchase Order For Plate And Frame Heat Exchangers – MR 0661-0001 Rev 0	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0007	Vendor s Acknowledgment of Purchase Order For Trays For Columns – MR 0570-0001 Rev 0	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	21/05/2019													
					Issue Actual	21/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01707													
					Return Date	30/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0008	Vendor s Acknowledgment of Purchase Order For Cold Box And Core Exchangers – MR 0662-0002 Rev 0	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01613													
					Return Date	22/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0009	Vendor s Acknowledgment of Purchase Order For Trays For Shop Assembled Large Columns – MR 0511-00	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	21/05/2019													
					Issue Actual	21/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01707													
					Return Date	30/05/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0010	Vendor s Acknowledgment of Purchase Order For Cold Box And Core Exchangers Rev. 0 – MR 0662-0002 Re	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	05/07/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02073													
					Return Date	16/07/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0011	Vendor s Acknowledgment of Purchase Order For Integrally Geared Decoking Air Compressor Rev 1 – MR 1	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	05/07/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02074													
					Return Date	16/07/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0012	Vendor s Acknowledgment of Purchase Order For Hydrogen Production Unit - MR 4111-0001 Rev 0	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	05/07/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02076													
					Return Date	16/07/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0013	Vendor s Acknowledgment of Purchase Order For Steam Turbine Drive Centrifugal Compressor Rev 1 – MR	Class 2	Purpose**	IFI													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Rev.	0													
					Issue Plan														
					Revised Plan	05/07/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02076													
					Return Date	16/07/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0014	Vendor s Acknowledgment of Purchase Order For Centrifugal Compressor Steam Turbine Driven Site Servic	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	05/07/2019													
					Issue Actual	05/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02076													
					Return Date	16/07/2019													
					Owner Cmmt*	R1													
	PL	OL1-2C51-0101	Purchase Order for MR-4234-0001 - Side Stream Filter	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	17/04/2019													
					Issue Actual	17/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01385													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C51-0102	Purchase Order for MR-0310-0001 - Cooling Tower	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01842													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C51-0103	Vendor s Acknowledgment of Purchase Order For Wet Air Oxidation - MR 4100-0001 Rev. 0	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	11/06/2019													
					Issue Actual	11/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01856													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C51-0104	Vendor Acknowledgment of Purchase Order for HP / Polyolefins Flare Package	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-02126													
					Return Date														
					Owner Cmmt*														
Category Code: C52 Purchase Order (PO) for Piping work																			
Category Code: C53 Purchase Order (PO) for Fire Fighting work																			
Category Code: C54 Purchase Order (PO) for Electrical and HVAC work																			
Category Code: C55 Purchase Order (PO) for Instrumentation work																			
Category Code: C56 Purchase Order (PO) for Chemicals																			
Category Code: C71 Appraisal Report for Consultancy Service																			
Category Code: C72 Appraisal Report for EPC Contractor Work																			
Category Code: C73 Appraisal Report for Vendor/Supplier																			
Category Code: C91 Index/List																			
	PL	OL1-2C91-0004	Sub Vendor List For Mechanical Packages	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LPSA1-T-PL-01633													
					Return Date	20/06/2019													
					Owner Cmmt*	R2													
Category Code: C92 Procedures & Standards																			
Category Code: C93 Policy , Guidelines & Memo																			
	PL	OL1-2C93-0001	General Supply Rules for Supplier Documentation	Class 2	Purpose**	IFI	IFI												
					Rev.	A	C												
					Issue Plan														
					Revised Plan	12/09/2018	06/02/2019												
					Issue Actual	12/09/2018	06/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PL-00043	TPSK-LSPA1-T-PL-00777												
					Return Date														
					Owner Cmmt*														
Category Code: C94 Forms & Templates																			
Category Code: C95 Progress/Status Reports																			
	PL	OL1-2C95-0001	Expediting Execution Plan	Class 2	Purpose**	IFI	IFI	IFI	IFE										
					Rev.	0	1	2	3										
					Issue Plan														
					Revised Plan	22/03/2019	19/04/2019	16/05/2019	19/06/2019										
					Issue Actual	22/03/2019	19/04/2019	16/05/2019	19/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01134	TPSK-LSPA1-T-PL-01419	TPSK-LSPA1-T-PL-01675	TPSK-LSPA1-T-PL-01915										
					Return Date			29/05/2019	27/06/2019										
					Owner Cmmt*			A1	R2										
	PL	OL1-2C95-0002	Monthly Complete Expediting Report	Class 2	Purpose**	IFI	IFI	IFI	IFE										
					Rev.	0	1	2	3										
					Issue Plan														
					Revised Plan	22/03/2019	19/04/2019	16/05/2019	19/06/2019										
					Issue Actual	22/03/2019	19/04/2019	16/05/2019	19/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PL-01134	TPSK-LSPA1-T-PL-01419	TPSK-LSPA1-T-PL-01675	TPSK-LSPA1-T-PL-01915										
					Return Date			29/05/2019	27/06/2019										
					Owner Cmmt*			A1	R1										
	PL	OL1-2C95-14000	Hand-Over Meeting Report - Quench Exchanger and Steam D	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	11/03/2019													
					Issue Actual	11/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01026													
					Return Date														
					Owner Cmmt*														
	PL	OL1-2C95-30000	Hand-Over Meeting Report - Radiant Coils	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01194													
					Return Date														

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LONG SON PETROCHEMICALS

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*														
	PL	OL1-2C95-30200	Pre-Inspection Meeting Report - Intermediate Tube Supports	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PL-01359													
					Return Date														
					Owner Cmmt*														
Category Code: Code Information																			
Category Code: D01 Construction Permits/License/Permit Plan																			
Category Code: D03 Security Plan																			
Category Code: D04 Transportation Program																			
Category Code: D05 Office & Construction Camp Plan																			
Category Code: D06 Work Change Proposal																			
Category Code: D71 Appraisal Report for Consultancy Service																			
Category Code: D72 Appraisal Report for EPC Contractor Work																			
Category Code: D73 Appraisal Report for Vendor/Supplier																			
Category Code: D91 Index/List																			
Category Code: D92 Procedures & Standards																			
Category Code: D93 Policy , Guidelines & Memo																			
Category Code: D94 Forms & Templates																			
Category Code: D95 Progress/Status Reports																			
Category Code: D96 Hydrostatic leak testing for piping systems																			
Category Code: E01 Electrical design basis																			
	EE	OL1-2E01-2001	ELECTRICAL BASIS OF FURNACE DETAILED DESIGN	Class 1	Purpose**	IFR	IFD	IFF											
					Rev.	A													
					Issue Plan	24/01/2019	28/03/2019	28/03/2019											
					Revised Plan	30/01/2019	16/05/2019	16/05/2019											
					Issue Actual	30/01/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-00772													
					Return Date	27/02/2019													
					Owner Cmmt*	A4													
Category Code: E02 Abbreviation and standard symbols																			
	EE	OL1-2E02-0001	ELECTRICAL DRAWINGS LEGEND AND SYMBOLS	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/05/2019	30/10/2019												
					Revised Plan	28/03/2019	30/10/2019												
					Issue Actual	28/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01411													
					Return Date	15/05/2019													
					Owner Cmmt*	R2													
Category Code: E03 Project electrical specification																			
	EE	OL1-2E03-0035	TYPICAL INSTALLATION STANDARDS FOR ELECTRICAL EQUIPMENT	Class 2	Purpose**	IFR	IFC1	IFC2											
					Rev.	A													
					Issue Plan	14/02/2019	07/10/2019	14/02/2020											
					Revised Plan	01/04/2019	07/10/2019	14/02/2020											
					Issue Actual	01/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01193													
					Return Date	07/05/2019													
					Owner Cmmt*	A3													
Category Code: E04 Electrical requirement for package unit																			
	EE	OL1-2E04-6000	GENERAL DEIGN RULES FOR ELECTRICAL SYSTEM OF PACKAGED EQUIPMENT	Class 2	Purpose**	IFR	IFR	IMP											
					Rev.	A	B												
					Issue Plan	14/10/2018		30/01/2019											
					Revised Plan	06/08/2018		04/10/2018											
					Issue Actual	06/08/2018	04/10/2018												
					Transmittal no.	TPSK-LSPA1-T-EE-00008	TPSK-LSPA1-T-EE-00126												
					Return Date	24/08/2018	12/10/2018												
					Owner Cmmt*	A3	R1												
Category Code: E05 Electrical Equipment datasheets																			
	EE	CL1-2E05-1200	Typical Data Sheet for Low Voltage Switchgears/MCCs	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	14/12/2018													
					Issue Actual	14/12/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00497													
					Return Date	07/01/2019													
					Owner Cmmt*	R1													
	EE	CL1-2E05-1400	Typical Data Sheet for Low Voltage Bus Ducts	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	14/12/2018													
					Issue Actual	14/12/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00497													
					Return Date	07/01/2019													
					Owner Cmmt*	R2													
	EE	OL1-2E05-0020	Air Conditioning Ventilating And Ducting Design - Ex Document Client Reference: OL1-2H03-0001 -	Class 2	Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan	12/10/2018	15/01/2019												
					Revised Plan	12/10/2018	07/01/2019												
					Issue Actual	12/10/2018	07/01/2019												
					Transmittal no.	TPSK-LSPA1-T-EE-00165	TPSK-LSPA1-T-EE-00585												
					Return Date	26/10/2018	16/01/2019												
					Owner Cmmt*	R2	R1												
	EE	OL1-2E05-1100	Typical Data Sheet for Medium Voltage Switchgears	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/12/2018													
					Issue Actual	11/12/2018													
					Transmittal no.	TPSK-LSPA1-T-ME-00476													
					Return Date	07/01/2019													
					Owner Cmmt*	R1													
	EE	OL1-2E05-1111	Data Sheet for Medium Voltage Switchgear	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01192													
					Return Date	23/04/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E05-1211	Data Sheet for 690V Switchgear And MCC	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01192													

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification															
					Return Date	23/04/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E05-1311	Data Sheet for 400V SwitchgearAndMCC	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01192													
					Return Date	23/04/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E05-1501	Data Sheet for Distribution Transformer	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01192													
					Return Date	23/04/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E05-1700	Typical Data Sheet For Medium Voltage Variable Voltage Variable Frequency System	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/12/2018													
					Issue Actual	20/12/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00529													
					Return Date	03/01/2019													
					Owner Cmmt*	R1													
	EE	OL1-2E05-2001	Data Sheet for AC UPS	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01192													
					Return Date	23/04/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E05-2101	Data Sheet For DC UPS	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/03/2019													
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01192													
					Return Date	23/04/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E05-3100	Typical Data Sheet for LV Motors	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/11/2018													
					Issue Actual	26/11/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00358													
					Return Date	03/01/2019													
					Owner Cmmt*	R1													
	EE	OL1-2E05-3500	Typical Data Sheet For Low Voltage Variable Voltage Variable Frequency System	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/11/2018													
					Issue Actual	26/11/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00358													
					Return Date	03/01/2019													
					Owner Cmmt*	R1													
	EE	OL1-2E05-4100	Typical Data Sheet For MV Motor	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/12/2018													
					Issue Actual	20/12/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00529													
					Return Date	03/01/2019													
					Owner Cmmt*	R1													
Category Code: E10 Power system studies																			
	EE	OL1-2E10-0001	ELECTRICAL CABLE SIZING CALCULATION NOTES	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.	A													
					Issue Plan	14/02/2019	15/10/2019	15/01/2020											
					Revised Plan	23/04/2019	15/10/2019	15/01/2020											
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01438													
					Return Date	15/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E10-0002	ELECTRICAL POWER BALANCE	Class 2	Purpose**	IDD	IDD1	IFF											
					Rev.														
					Issue Plan	18/05/2019	21/10/2019	30/01/2020											
					Revised Plan	18/05/2019	21/10/2019	30/01/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0003	LIGHTING SYSTEM CALCULATION NOTES	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	04/12/2019	08/08/2020												
					Revised Plan	04/12/2019	08/08/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0004	SHORT CIRCUIT ANALYSIS	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.	A													
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	23/04/2019	17/03/2020	21/05/2020											
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01438													
					Return Date	18/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E10-0005	LOAD FLOW AND VOLTAGE DROP ANALYSIS	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.	A													
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	23/04/2019	17/03/2020	21/05/2020											
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01438													
					Return Date	18/05/2019													
					Owner Cmmt*	A3													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	EE	OL1-2E10-0006	MOTOR STARTING ANALYSIS	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0007	REACCELERATION STUDY	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0008	HARMONIC ANALYSIS	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0009	EMC STUDY	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0010	ELECTRICAL RELIABILITY ANALYSIS	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E10-0011	INSULATION COORDINATION STUDY	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E11 Arc flash studies																			
	EE	OL1-2E11-0001	FLASH PROTECTION STUDY	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E12 Protective relay selection and coordination study																			
	EE	OL1-2E12-0001	PROTECTIVE RELAY SELECTIVITY STUDY	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	21/10/2020	21/11/2020	21/12/2020											
					Revised Plan	21/10/2020	21/11/2020	21/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E13 Electrical equipment sizing																			
	EE	OL1-2E13-0001	POWER FACTOR IMPROVEMENT SYSTEM SIZING	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	15/01/2020	17/03/2020	21/05/2020											
					Revised Plan	15/01/2020	17/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E13-0002	AC UPS SYSTEM SIZING	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	11/10/2019	15/03/2020	21/05/2020											
					Revised Plan	11/10/2019	15/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E13-0003	DC SYSTEM SIZING	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.														
					Issue Plan	11/10/2019	15/03/2020	21/05/2020											
					Revised Plan	11/10/2019	15/03/2020	21/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E14 Single line diagram																			
	EE	OL1-2E14-0001	KEY SINGLE LINE DIAGRAM	Class 2	Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	03/06/2019	07/11/2019	17/04/2020											
					Revised Plan	28/03/2019	07/11/2019	17/04/2020											
					Issue Actual	28/03/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01412													
					Return Date	15/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E14-0002	INTERLOCKING SYSTEM PHYLOSOPHY DRAWING	Class 2	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	03/06/2019	07/11/2019	17/04/2020											
					Revised Plan	03/06/2019	07/11/2019	17/04/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment					Working Days
					Owner Cmmt*									
	EE	OL1-2E14-0003	SUBSTATION E SINGLE LINE DIAGRAM (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2					
					Rev.	A								
					Issue Plan	03/06/2019	07/11/2019	17/04/2020	17/07/2020					
					Revised Plan	01/04/2019	07/11/2019	17/04/2020	17/07/2020					
					Issue Actual	01/04/2019								
					Transmittal no.	TPSK-LSPA1-T-EE-01211								
					Return Date	25/04/2019								
					Owner Cmmt*	A3								
	EE	OL1-2E14-0004	SUBSTATION C SINGLE LINE DIAGRAM (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2					
					Rev.	A								
					Issue Plan	03/06/2019	07/11/2019	17/04/2020	17/07/2020					
					Revised Plan	01/04/2019	07/11/2019	17/04/2020	17/07/2020					
					Issue Actual	01/04/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01211								
					Return Date	25/04/2019								
					Owner Cmmt*	A3								
	EE	OL1-2E14-0005	SATELLITE SUBSTATION SINGLE LINE DIAGRAM (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2					
					Rev.	A								
					Issue Plan	03/06/2019	07/11/2019	17/04/2020	17/07/2020					
					Revised Plan	01/04/2019	07/11/2019	17/04/2020	17/07/2020					
					Issue Actual	01/04/2019								
					Transmittal no.	TPSK-LSPA1-T-EE-01211								
					Return Date	25/04/2019								
					Owner Cmmt*	A3								
Category Code: E15 Electrical load schedule				Class 3	Purpose**									
	EE	OL1-2E15-0001	PRELIMINARY ELECTRICAL LOAD SCHEDULE - OLEFINS UNIT	Class 3	Purpose**	IDD	IFF							
					Rev.									
					Issue Plan	03/05/2019	17/03/2020							
					Revised Plan	14/06/2019	17/03/2020							
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-0002	ELECTRICAL EQUIPMENT LIST	Class 2	Purpose**	IDD	IDD1	IFF						
					Rev.									
					Issue Plan	03/06/2019	07/11/2019	17/04/2020						
					Revised Plan	02/04/2019	07/11/2019	17/04/2020						
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-0003	EX-EQUIPMENT REGISTER LIST	Class 2	Purpose**	IF1T	IF2T							
					Rev.									
					Issue Plan	14/04/2020	19/10/2020							
					Revised Plan	14/04/2020	19/10/2020							
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-0004	ELECTRICAL CONSUMERS LIST	Class 2	Purpose**	IFR	IFI							
					Rev.									
					Issue Plan	19/03/2019	23/04/2019							
					Revised Plan	08/05/2019	10/05/2019							
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-1001	LIST OF ELECTRICAL & INSTRUMENT LOADS	Class 1	Purpose**	IFR	IFD	IFF						
					Rev.									
					Issue Plan	10/09/2019	08/10/2019	08/10/2019						
					Revised Plan	10/09/2019	08/10/2019	08/10/2019						
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-2001	LIST OF ELECTRICAL & INSTRUMENT LOADS	Class 1	Purpose**	IFR	IFD	IFF						
					Rev.									
					Issue Plan	10/09/2019	08/10/2019	08/10/2019						
					Revised Plan	10/09/2019	08/10/2019	08/10/2019						
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-3001	LIST OF ELECTRICAL & INSTRUMENT LOADS	Class 1	Purpose**	IFF								
					Rev.									
					Issue Plan	14/10/2019								
					Revised Plan	14/10/2019								
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-4001	LIST OF ELECTRICAL & INSTRUMENT LOADS	Class 1	Purpose**	IFF								
					Rev.									
					Issue Plan	14/10/2019								
					Revised Plan	14/10/2019								
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-5001	LIST OF ELECTRICAL & INSTRUMENT LOADS	Class 1	Purpose**	IFF								
					Rev.									
					Issue Plan	14/10/2019								
					Revised Plan	14/10/2019								
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
	EE	OL1-2E15-6001	LIST OF ELECTRICAL & INSTRUMENT LOADS	Class 1	Purpose**	IFF								
					Rev.									
					Issue Plan	14/10/2019								
					Revised Plan	14/10/2019								
					Issue Actual									
					Transmittal no.									
					Return Date									
					Owner Cmmt*									
Category Code: E16 Emergency power supply load schedule														

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
Category Code: E17 Motor list																			
	EE	OL1-2E17-1001	PRELIMINARY MOTOR LIST - OLEFINS UNIT		Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	18/02/2019	23/04/2019												
					Revised Plan	01/03/2019	26/04/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E18 Control and Signal List																			
	EE	OL1-2E18-0001	SUBSTATION MONITORING AND CONTROL SYSTEM BLOCK DIAGRAM FOR SUBSTATION E	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	14/07/2019	04/11/2019												
					Revised Plan	14/07/2019	04/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E18-0002	SUBSTATION MONITORING AND CONTROL SYSTEM BLOCK DIAGRAM FOR SUBSTATION C	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	14/07/2019	04/11/2019												
					Revised Plan	14/07/2019	04/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E18-0003	SUBSTATION MONITORING AND CONTROL SYSTEM BLOCK DIAGRAM FOR SATELLITE SUBSTATION	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	14/07/2019	04/11/2019												
					Revised Plan	14/07/2019	04/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E19 Control schematic and control logic diagrams																			
	EE	OL1-2E19-0001	MEDIUM VOLTAGE PROTECTION DIAGRAMS	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	07/09/2019	12/11/2019												
					Revised Plan	16/02/2019	12/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E19-0002	LOW VOLTAGE PROTECTION DIAGRAMS	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	07/09/2019	12/11/2019												
					Revised Plan	16/02/2019	12/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E20 Substation equipment layout																			
	EE	OL1-2E20-0001	SUBSTATION E EQUIPMENT LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/06/2019	08/10/2019	17/04/2020	17/06/2020										
					Revised Plan	01/04/2019	08/10/2019	17/04/2020	17/06/2020										
					Issue Actual	01/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01212													
					Return Date	04/06/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E20-0002	SUBSTATION C EQUIPMENT LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/06/2019	08/10/2019	17/04/2020	17/06/2020										
					Revised Plan	01/04/2019	08/10/2019	17/04/2020	17/06/2020										
					Issue Actual	01/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01212													
					Return Date	07/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E20-0003	SATELLITE ELECTRICAL / INSTRUMENT EQUIPMENT LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/06/2019	08/10/2019	17/04/2020	17/06/2020										
					Revised Plan	01/04/2019	08/10/2019	17/04/2020	17/06/2020										
					Issue Actual	01/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01212													
					Return Date	04/06/2019													
					Owner Cmmt*	A3													
Category Code: E21 Layout of busduct for substation																			
Category Code: E22 Cable tray layout for substation																			
	EE	OL1-2E22-0001	SUBSTATION E CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021										
					Revised Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E22-0002	SUBSTATION C CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021										
					Revised Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E22-0003	SATELLITE SUBSTATION CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021										
					Revised Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E23 Wiring drawing for substation system																			
Category Code: E24 Diesel engine generator equipment layout																			
Category Code: E25 Motor Auto restart for power dift.																			
Category Code: E31 Power equipment layout																			
	EE	OL1-2E31-0001	OVERALL ELECTRICAL MAIN CABLE ROUTING LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										

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IFA = Issue For Approval	ASB = Issue For As-Built			A2 = App. with comments, re-submit not required			R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction			A3 = App. with comments, re-submit for review				Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation			A4 = Not App., re-submit for approval				
IFP = Issue For Planning	/ Execution							
IFD = Issue For Design	CAN = Issue for Cancellation							

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days
					Rev.												
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0002	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0003	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
					Rev.												
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0004	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
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					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0005	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Transmittal no.												
					Return Date												
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	EE	OL1-2E31-0006	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0007	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
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	EE	OL1-2E31-0008	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
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					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0009	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Issue Actual												
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					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0011	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0012	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0013	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2E31-0014	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2								
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					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021								

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-0015	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
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					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-0016	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
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					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-0017	ELECTRICAL MAIN CABLE ROUTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021									
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-1001	USC 36M FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	19/12/2019	09/01/2020	09/01/2020										
					Revised Plan	19/12/2019	09/01/2020	09/01/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-1002	USC 36M FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	19/12/2019	09/01/2020	09/01/2020										
					Revised Plan	19/12/2019	09/01/2020	09/01/2020										
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					Owner Cmmt*													
	EE	OL1-2E31-1003	USC 36M FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	19/12/2019	09/01/2020	09/01/2020										
					Revised Plan	19/12/2019	09/01/2020	09/01/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-2001	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	19/12/2019	09/01/2020	09/01/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-2002	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	19/12/2019	09/01/2020	09/01/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-2003	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	19/12/2019	09/01/2020	09/01/2020										
					Issue Actual													
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-3001	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-3002	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-3003	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
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					Revised Plan	19/12/2019	09/01/2020	09/01/2020										
					Issue Actual													
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E31-4001	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Issue Actual													
					Transmittal no.													
					Return Date													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
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Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
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	EE	OL1-2E31-4002	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF											
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	EE	OL1-2E31-5001	USC 132SU CRACKING FURNACE ELECTRICAL EQUIPMENT LOCATION PLANS	Class 2	Purpose**	IFR	IFD	IFF											
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					Issue Plan	19/12/2019	09/01/2020	09/01/2020											
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					Return Date														
					Owner Cmmt*														
Category Code: E32 Main cable route layout																			
	EE	OL1-2E32-0001	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
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	EE	OL1-2E32-0002	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
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					Return Date														
					Owner Cmmt*														
	EE	OL1-2E32-0006	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										

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LONG SON PETROCHEMICALS

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LSP-2W91-0001	10

Issue Date 02/09/19

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	EE	OL1-2E32-0008	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0009	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0010	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0011	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0012	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0013	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0014	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0015	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-0016	POWER LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Revised Plan	12/07/2019	22/11/2019	30/11/2020	15/01/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-1001	USC 36M FURNACE ELECTRICAL CABLE TRAY KEY PLAN FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF												
					Rev.															
					Issue Plan	31/01/2020	24/02/2020	24/02/2020												
					Revised Plan	31/01/2020	24/02/2020	24/02/2020												
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-1002	USC 36M FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF												
					Rev.															
					Issue Plan	31/01/2020	24/02/2020	24/02/2020												
					Revised Plan	31/01/2020	24/02/2020	24/02/2020												
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E32-1003	USC 36M FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF												
					Rev.															
					Issue Plan	31/01/2020	24/02/2020	24/02/2020												
					Revised Plan	31/01/2020	24/02/2020	24/02/2020												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-1004	USC 36M FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-1005	USC 36M FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-1006	USC 36M FURNACE ELECTRICAL CABLE TRAY PART NUMBERS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-1007	USC 36M FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-1008	USC 36M FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-1009	USC 36M FURNACE ELECTRICAL CABLE TRAY LEGENDS & GENERAL NOTES FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2001	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY KEY PLAN FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2002	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
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					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2003	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2004	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2005	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2006	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY PART NUMBERS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2007	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-11	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*													
	EE	OL1-2E32-2008	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-2009	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY LEGENDS & GENERAL NOTES FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3001	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY KEY PLAN FURNACE 10-H-1300	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3002	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3003	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3004	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3005	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3006	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY PART NUMBERS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3007	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3008	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-3009	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY LEGENDS & GENERAL NOTES FURNACE 10-H-1300	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4001	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY KEY PLAN FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4002	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4003	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4004	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAIL	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4005	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAIL	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4006	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY PART NUMBERS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4007	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4008	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-4009	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY LEGENDS & GENERAL NOTES FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5001	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY KEY PLAN FURNACE 10-H-1500	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5002	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAIL	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5003	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAIL	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5004	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAIL	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5005	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAIL	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5006	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY PART NUMBERS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5007	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5008	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-5009	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY LEGENDS & GENERAL NOTES FURNACE 10-H-1500	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6001	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY KEY PLAN FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6002	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6003	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6004	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6005	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY OVERALL LAYOUT PLANS, ELEVATION AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6006	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY PART NUMBERS	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6007	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6008	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY DETAILS INSTALLATION DETAILS FURNACE 10-H-1	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E32-6009	USC 132SU CRACKING FURNACE ELECTRICAL CABLE TRAY LEGENDS & GENERAL NOTES FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	31/01/2020	24/02/2020	24/02/2020										
					Revised Plan	31/01/2020	24/02/2020	24/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: E33 Power and control wiring layout																		
Category Code: E34 Power and control cable arrangement drawing																		
	EE	OL1-2E34-0001	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0002	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0003	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0004	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0005	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0006	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0007	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0008	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0009	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0010	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0011	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0012	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0013	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0014	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0015	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E34-0016	CABLE ROUTING CROSS SECTIONS (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
Document Code :		IFP = Issue For Planning	/ Execution				
		IFD = Issue For Design	CAN = Issue for Cancellation				

Item	Org.	Document No.	Document Name	Classification															
					Rev.														
					Issue Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020										
					Revised Plan	12/07/2019	22/11/2019	08/06/2020	08/08/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E40 Lighting illumination level calculation																			
	EE	OL1-2E40-0001	Lighting Calculation Report	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	19/05/2019													
					Revised Plan	19/05/2019													
					Issue Actual	11/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01864													
					Return Date														
					Owner Cmmt*														
Category Code: E41 Voltage drop calculation for lighting system																			
Category Code: E42 Lighting and receptacle panel board circuit schedule																			
	EE	OL1-2E42-0001	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0002	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0003	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0004	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0005	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0006	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0007	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0008	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0009	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0010	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0011	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0012	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0013	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0014	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0015	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
					Rev.														
					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-0016	LIGHTING CIRCUITS PANEL SCHEDULES (N...)	Class 2	Purpose**	IFQ	IFP	IFF											
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					Issue Plan	20/01/2020	30/03/2020	15/06/2020											
					Revised Plan	20/01/2020	30/03/2020	15/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-1001	USC 36M FURNACE LIGHTING PANEL SCHEDULE FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	28/07/2020	17/08/2020	17/08/2020											
					Revised Plan	28/07/2020	17/08/2020	17/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-1002	USC 36M FURNACE RECEPTACLE PANEL SCHEDULE FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	01/06/2020	01/06/2020												
					Revised Plan	01/06/2020	01/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-1003	USC 36M FURNACE SCHEMATIC LIGHTING PANEL DIAGRAM FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	28/07/2020	17/08/2020	17/08/2020											
					Revised Plan	28/07/2020	17/08/2020	17/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-2001	USC 132SU CRACKING FURNACE LIGHTING PANEL SCHEDULE FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	28/07/2020	17/08/2020	17/08/2020											
					Revised Plan	28/07/2020	17/08/2020	17/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-2002	USC 132SU CRACKING FURNACE RECEPTACLE PANEL SCHEDULE FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	01/06/2020	01/06/2020												
					Revised Plan	01/06/2020	01/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-2003	USC 132SU CRACKING FURNACE SCHEMATIC LIGHTING PANEL DIAGRAM FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	28/07/2020	17/08/2020	17/08/2020											
					Revised Plan	28/07/2020	17/08/2020	17/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-3001	USC 132SU CRACKING FURNACE LIGHTING PANEL SCHEDULE FURNACE 10-H-1300	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	28/07/2020	17/08/2020	17/08/2020											
					Revised Plan	28/07/2020	17/08/2020	17/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-3002	USC 132SU CRACKING FURNACE RECEPTACLE PANEL SCHEDULE FURNACE 10-H-1300	Class 2	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	01/06/2020	01/06/2020												
					Revised Plan	01/06/2020	01/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E42-3003	USC 132SU CRACKING FURNACE SCHEMATIC LIGHTING PANEL DIAGRAM FURNACE 10-H-1300	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	28/07/2020	17/08/2020	17/08/2020											
					Revised Plan	28/07/2020	17/08/2020	17/08/2020											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-4001	USC 132SU CRACKING FURNACE LIGHTING PANEL SCHEDULE FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	28/07/2020	17/08/2020	17/08/2020										
					Revised Plan	28/07/2020	17/08/2020	17/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-4002	USC 132SU CRACKING FURNACE RECEPTACLE PANEL SCHEDULE FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/06/2020	01/06/2020											
					Revised Plan	01/06/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-4003	USC 132SU CRACKING FURNACE SCHEMATIC LIGHTING PANEL DIAGRAM FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	28/07/2020	17/08/2020	17/08/2020										
					Revised Plan	28/07/2020	17/08/2020	17/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-5001	USC 132SU CRACKING FURNACE LIGHTING PANEL SCHEDULE FURNACE 10-H-1500	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	28/07/2020	17/08/2020	17/08/2020										
					Revised Plan	28/07/2020	17/08/2020	17/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-5002	USC 132SU CRACKING FURNACE RECEPTACLE PANEL SCHEDULE FURNACE 10-H-1500	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/06/2020	01/06/2020											
					Revised Plan	01/06/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-5003	USC 132SU CRACKING FURNACE SCHEMATIC LIGHTING PANEL DIAGRAM FURNACE 10-H-1500	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	28/07/2020	17/08/2020	17/08/2020										
					Revised Plan	28/07/2020	17/08/2020	17/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-6001	USC 132SU CRACKING FURNACE LIGHTING PANEL SCHEDULE FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	28/07/2020	17/08/2020	17/08/2020										
					Revised Plan	28/07/2020	17/08/2020	17/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-6002	USC 132SU CRACKING FURNACE RECEPTACLE PANEL SCHEDULE FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/06/2020	01/06/2020											
					Revised Plan	01/06/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E42-6003	USC 132SU CRACKING FURNACE SCHEMATIC LIGHTING PANEL DIAGRAM FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	28/07/2020	17/08/2020	17/08/2020										
					Revised Plan	28/07/2020	17/08/2020	17/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: E43 Lighting and receptacle system layout																		
	EE	OL1-2E43-0001	STREET LIGHTING SYSTEM LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.	A												
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020									
					Revised Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020									
					Issue Actual	03/06/2019												
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-0005	LIGHTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020									
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	EE	OL1-2E43-0006	LIGHTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020									
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					Return Date													
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	EE	OL1-2E43-0007	LIGHTING LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020									
					Revised Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020									
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

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					Return Date														
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	EE	OL1-2E43-0008	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
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					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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					Issue Actual														
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					Owner Cmmt*														
	EE	OL1-2E43-0009	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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					Issue Actual														
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					Return Date														
					Owner Cmmt*														
	EE	OL1-2E43-0010	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Revised Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E43-0011	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E43-0012	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Revised Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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					Transmittal no.														
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					Owner Cmmt*														
	EE	OL1-2E43-0013	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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					Issue Actual	19/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01423													
					Return Date	27/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E43-0014	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
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					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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					Issue Actual	19/04/2019													
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					Return Date	27/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E43-0015	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
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	EE	OL1-2E43-0018	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
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					Return Date	27/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E43-0019	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Revised Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E43-0020	LIGHTING LAYOUT(N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Revised Plan	19/05/2019	04/12/2019	08/06/2020	08/08/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E43-1001	USC 36M FURNACE ELECTRICAL LIGHTING KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1002	USC 36M FURNACE ELECTRICAL LIGHTING LEGEND & GENERAL NOTES FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1003	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE INSTALLATION DETAILS FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1004	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1005	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
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					Owner Cmmt*													
	EE	OL1-2E43-1006	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1007	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1008	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1009	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1010	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1011	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1012	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1013	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-1014	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment			Working Days
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-1015	USC 36M FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FURNACE 10-H-	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2001	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2002	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING LEGEND & GENERAL NOTES FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2003	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE INSTALLATION DETAILS FURNACE	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2004	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2005	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2006	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2007	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2008	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
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					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2009	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2010	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
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					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2011	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
					Revised Plan	16/04/2020	07/05/2020	07/05/2020		
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	EE	OL1-2E43-2012	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF		
					Rev.					
					Issue Plan	16/04/2020	07/05/2020	07/05/2020		
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					Issue Actual					
					Transmittal no.					
					Return Date					

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*													
	EE	OL1-2E43-2013	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2014	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2015	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2016	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2017	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2018	ELECTRICAL LIGHTING FOR STAIR TOWER ASSOCIATED WITH FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2019	ELECTRICAL LIGHTING FOR STAIR TOWER ASSOCIATED WITH FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-2020	ELECTRICAL LIGHTING FOR STAIR TOWER ASSOCIATED WITH FURNACE 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3001	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
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					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3002	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING LEGEND & GENERAL NOTES FURNACE 10-H-1300	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3003	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE INSTALLATION DETAILS FURNACE	Class 2	Purpose**	IFR	IFD	IFF										
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					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3004	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3005	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3006	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3007	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3008	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-3009	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-3010	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-3011	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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	EE	OL1-2E43-3013	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3014	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-3015	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Owner Cmmt*													
	EE	OL1-2E43-3016	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-3017	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Return Date													
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	EE	OL1-2E43-4001	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-4002	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING LEGEND & GENERAL NOTES FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
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Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment					Working Days
					Transmittal no.									
					Return Date									
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					Owner Cmmt*									
	EE	OL1-2E43-4004	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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	EE	OL1-2E43-4005	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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	EE	OL1-2E43-4006	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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	EE	OL1-2E43-4009	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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	EE	OL1-2E43-4010	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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	EE	OL1-2E43-4011	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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	EE	OL1-2E43-4015	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF						
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					Transmittal no.									
					Return Date									
					Owner Cmmt*									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFP = Issue For Planning	/ Execution			
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	EE	OL1-2E43-4016	ELECTRICAL LIGHTING FOR ELEVATOR LANDINGS ASSOCIATED WITH FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Owner Cmmt*													
	EE	OL1-2E43-4017	ELECTRICAL LIGHTING FOR ELEVATOR LANDINGS ASSOCIATED WITH FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Owner Cmmt*													
	EE	OL1-2E43-4018	ELECTRICAL LIGHTING FOR ELEVATOR LANDINGS ASSOCIATED WITH FURNACE 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-4019	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-4020	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Owner Cmmt*													
	EE	OL1-2E43-5001	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-5002	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING LEGEND & GENERAL NOTES FURNACE 10-H-1500	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-5003	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE INSTALLATION DETAILS FURNACE	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-5004	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Owner Cmmt*													
	EE	OL1-2E43-5005	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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	EE	OL1-2E43-5008	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5009	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
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					Issue Plan	16/04/2020	07/05/2020	07/05/2020										

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					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5012	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5013	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5014	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5015	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5016	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-5017	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6001	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6002	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING LEGEND & GENERAL NOTES FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6003	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE INSTALLATION DETAILS FURNACE	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6004	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6005	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6006	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6007	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6008	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6009	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6010	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6011	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6012	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6013	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6014	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6015	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6016	ELECTRICAL LIGHTING FOR STAIR TOWER ASSOCIATED WITH FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6017	ELECTRICAL LIGHTING FOR STAIR TOWER ASSOCIATED WITH FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6018	ELECTRICAL LIGHTING FOR STAIR TOWER ASSOCIATED WITH FURNACE 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6019	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E43-6020	USC 132SU CRACKING FURNACE ELECTRICAL LIGHTING AND RECEPTACLE PLANS SECTIONS AND DETAILS FU	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	16/04/2020	07/05/2020	07/05/2020										
					Revised Plan	16/04/2020	07/05/2020	07/05/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: E44 Lighting and receptacle system wiring layout																		
	EE	OL1-2E44-0001	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0002	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0003	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0004	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0005	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0006	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0007	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0008	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0009	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0010	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0011	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											
					Revised Plan	08/07/2020	08/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E44-0012	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2											
					Rev.													
					Issue Plan	08/07/2020	08/09/2020											

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	08/07/2020	08/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E44-0013	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2												
					Rev.														
					Issue Plan	08/07/2020	08/09/2020												
					Revised Plan	08/07/2020	08/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E44-0014	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2												
					Rev.														
					Issue Plan	08/07/2020	08/09/2020												
					Revised Plan	08/07/2020	08/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E44-0015	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2												
					Rev.														
					Issue Plan	08/07/2020	08/09/2020												
					Revised Plan	08/07/2020	08/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E44-0016	LIGHTING CIRCUITS BLOCK DIAGRAMS (N...)	Class 2	Purpose**	IFC1	IFC2												
					Rev.														
					Issue Plan	08/07/2020	08/09/2020												
					Revised Plan	08/07/2020	08/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E45 POWER BLOCK DIAGRAM (WELDING AND RECEPACLES)																			
Category Code: E50 Grounding and lightning network calculation																			
	EE	OL1-2E50-0001	EARTHING AND LIGHTNING SYSTEM CALCULATION	Class 2	Purpose**	IFR	IDD	IFF											
					Rev.	A													
					Issue Plan	19/04/2019	15/10/2019	08/07/2020											
					Revised Plan	01/07/2019	15/10/2019	08/07/2020											
					Issue Actual	25/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01982													
					Return Date														
					Owner Cmmt*														
Category Code: E51 Protective zone for lightning system																			
Category Code: E52 Grounding and lightning system layout																			
	EE	OL1-2E52-0001	OVERALL EARTHING LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	14/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01894													
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E52-0002	OVERALL LIGHTNING PROTECTION LAYOUT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	14/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01894													
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E52-0003	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	28/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-02014													
					Return Date	11/07/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E52-0004	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	11/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01862													
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E52-0005	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	08/07/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-02089													
					Return Date	15/07/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E52-0006	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	08/07/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-02080													
					Return Date	15/07/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E52-0007	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020										
					Issue Actual	28/06/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-02014													
					Return Date	11/07/2019													
					Owner Cmmt*	A3													
	EE	OL1-2E52-0008	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.	A													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment	Working Days			
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	28/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-02014														
					Return Date	11/07/2019														
					Owner Cmmt*	A3														
	EE	OL1-2E52-0009	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	08/07/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-02089														
					Return Date	15/07/2019														
					Owner Cmmt*	A3														
	EE	OL1-2E52-0010	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	28/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-02014														
					Return Date	11/07/2019														
					Owner Cmmt*	A3														
	EE	OL1-2E52-0011	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	11/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-01862														
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0012	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	03/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-01793														
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0013	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	03/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-01793														
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0014	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0015	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	11/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-01862														
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0016	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	11/06/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-01862														
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0017	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.	A														
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual	01/07/2019														
					Transmittal no.	TPSK-LSPA1-T-EE-02021														
					Return Date	11/07/2019														
					Owner Cmmt*	A3														
	EE	OL1-2E52-0018	EARTHING AND LIGHTNING PROTECTION LAYOUT (N...)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2											
					Rev.															
					Issue Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Revised Plan	03/07/2019	15/11/2019	20/07/2020	20/09/2020											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0021	SUBSTATION E EARTHING LAYOUT	Class 2	Purpose**	IFR	IFC	IFC1	IFC2											
					Rev.															
					Issue Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021											
					Revised Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0022	SUBSTATION C EARTHING LAYOUT	Class 2	Purpose**	IFR	IFC	IFC1	IFC2											
					Rev.															
					Issue Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021											
					Revised Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021											
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	EE	OL1-2E52-0023	SATELLITE SUBSTATION EARTHING LAYOUT	Class 2	Purpose**	IFR	IFC	IFC1	IFC2											
					Rev.															
					Issue Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021											
					Revised Plan	08/11/2019	17/05/2020	05/11/2020	15/09/2021											
					Issue Actual															

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-1001	USC 36M FURNACE ELECTRICAL GROUNDING AT GRADE PLANS AND DETAILS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	03/02/2020	03/02/2020											
					Revised Plan	03/02/2020	03/02/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-1002	USC 36M FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	03/02/2020	03/02/2020											
					Revised Plan	03/02/2020	03/02/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-1003	USC 36M FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10-H-1100	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	03/02/2020	03/02/2020											
					Revised Plan	03/02/2020	03/02/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-2001	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING AT GRADE PLANS AND DETAILS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-2002	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-2003	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-3001	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING AT GRADE PLANS AND DETAILS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-3002	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-3003	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-4001	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING AT GRADE PLANS AND DETAILS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-4002	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-4003	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2E52-5001	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING AT GRADE PLANS AND DETAILS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	05/06/2020	05/06/2020											
					Revised Plan	05/06/2020	05/06/2020											
					Issue Actual													
					Transmittal no.													
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					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
	EE	OL1-2E52-5002	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	05/06/2020	05/06/2020									
					Revised Plan	05/06/2020	05/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	EE	OL1-2E52-5003	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	05/06/2020	05/06/2020									
					Revised Plan	05/06/2020	05/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	EE	OL1-2E52-6001	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING AT GRADE PLANS AND DETAILS	Class 2	Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	05/06/2020	05/06/2020									
					Revised Plan	05/06/2020	05/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	EE	OL1-2E52-6002	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	05/06/2020	05/06/2020									
					Revised Plan	05/06/2020	05/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	EE	OL1-2E52-6003	USC 132SU CRACKING FURNACE ELECTRICAL GROUNDING ABOVE GRADE PLANS AND DETAILS FURNACE 10	Class 2	Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	05/06/2020	05/06/2020									
					Revised Plan	05/06/2020	05/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
Category Code: E53 Wiring drawing for grounding and lightning system																
Category Code: E54 Layout of grounding lug																
Category Code: E55 Request for Quotation (RFQ) for Electrical																
	EE	OL1-2E55-1100	MR FOR MV SWITCHGEARS (> 1 KV, = 52 KV)	Class 2	Purpose**	IFQ										
					Rev.	A										
					Issue Plan											
					Revised Plan	11/12/2018										
					Issue Actual	11/12/2018										
					Transmittal no.	TPSK-LSPA1-T-ME-00476										
					Return Date	07/01/2019										
					Owner Cmmt*	R2										
	EE	OL1-2E55-1200	MR FOR LV SWITCHGEARS AND LV BUS DUCTS (= 1 KV)	Class 2	Purpose**	IFQ										
					Rev.	A										
					Issue Plan											
					Revised Plan	14/12/2018										
					Issue Actual	14/12/2018										
					Transmittal no.	TPSK-LSPA1-T-EE-00497										
					Return Date	07/01/2019										
					Owner Cmmt*	R2										
	EE	OL1-2E55-1800	MR FOR SMCS SYSTEM	Class 2	Purpose**	IFQ										
					Rev.	A										
					Issue Plan											
					Revised Plan	17/12/2018										
					Issue Actual	17/12/2018										
					Transmittal no.	TPSK-LSPA1-T-EE-00510										
					Return Date	07/01/2019										
					Owner Cmmt*	R2										
	EE	OL1-2E55-3001	MR FOR LV ELECTRIC MOTORS AND LV VVVF	Class 2	Purpose**	IFQ										
					Rev.	A										
					Issue Plan											
					Revised Plan	26/11/2018										
					Issue Actual	26/11/2018										
					Transmittal no.	TPSK-LSPA1-T-EE-00359										
					Return Date	03/01/2019										
					Owner Cmmt*	R2										
	EE	OL1-2E55-4100	Material Requisition For Medium Voltage Motors Medium Voltage Variable Voltage Variable Frequency System		Purpose**	IFQ										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/12/2018										
					Issue Actual	20/12/2018										
					Transmittal no.	TPSK-LSPA1-T-EE-00540										
					Return Date	14/01/2019										
					Owner Cmmt*	R2										
Category Code: E60 Cable drum schedule				Class 2	Purpose**											
	EE	OL1-2E60-0001	ELECTRICAL CABLE DRUM SCHEDULE	Class 2	Purpose**	IF1T	IF2T									
					Rev.											
					Issue Plan	14/04/2020	19/10/2020									
					Revised Plan	14/04/2020	19/10/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
Category Code: E61 Cable schedule																
	EE	OL1-2E61-0001	ELECTRICAL CABLE SCHEDULE - SUBSTATION - E	Class 2	Purpose**	IDD	IF1T	IF2T	IFF							
					Rev.											
					Issue Plan	10/08/2019	15/11/2019	15/02/2020	15/05/2020							
					Revised Plan	10/08/2019	15/11/2019	15/02/2020	15/05/2020							
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	EE	OL1-2E61-0002	ELECTRICAL CABLE SCHEDULE - SUBSTATION - C	Class 2	Purpose**	IDD	IF1T	IF2T	IFF							
					Rev.											
					Issue Plan	10/08/2019	15/11/2019	15/02/2020	15/05/2020							
					Revised Plan	10/08/2019	15/11/2019	15/02/2020	15/05/2020							
					Issue Actual											
					Transmittal no.											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E61-0003	ELECTRICAL CABLE SCHEDULE - SATELLITE SUBSTATION	Class 2	Purpose**	IDD	IF1T	IF2T	IFF										
					Rev.														
					Issue Plan	10/08/2019	15/11/2019	15/02/2020	15/05/2020										
					Revised Plan	10/08/2019	15/11/2019	15/02/2020	15/05/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E62 Connection List																			
Category Code: E63 Construction material and Bill of quantities																			
	EE	OL1-2E63-0002	TECHNICAL SPECIFICATION FOR ELECTRICAL INSTALLATION	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/02/2020	22/05/2020												
					Revised Plan	20/02/2020	22/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-0003	JOB QC SPECIFICATION FOR ELECTRICAL INSTALLATION	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/02/2020	22/05/2020												
					Revised Plan	20/02/2020	22/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-1001	ELECTRICAL BULK MATERIAL	Class 3	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	22/10/2019	20/02/2020												
					Revised Plan	22/10/2019	20/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-2001	ELECTRICAL BULK MATERIAL	Class 3	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	22/10/2019	20/02/2020												
					Revised Plan	22/10/2019	20/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-3001	ELECTRICAL BULK MATERIAL	Class 3	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	22/10/2019	20/02/2020												
					Revised Plan	22/10/2019	20/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-4001	ELECTRICAL BULK MATERIAL	Class 3	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	22/10/2019	20/02/2020												
					Revised Plan	22/10/2019	20/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-5001	ELECTRICAL BULK MATERIAL	Class 3	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	22/10/2019	20/02/2020												
					Revised Plan	22/10/2019	20/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2E63-6001	ELECTRICAL BULK MATERIAL	Class 3	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	22/10/2019	20/02/2020												
					Revised Plan	22/10/2019	20/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: E64 Typical drawing																			
Category Code: E70 Cathodic Protection system schematic diagram																			
Category Code: E71 Cathodic Protection system layout																			
Category Code: E72 Cathodic Protection calculation																			
Category Code: E80 SMCS and PMS system equipment data sheets																			
Category Code: E81 SMCS and PMS system schematic diagram																			
Category Code: E82 SMCS and PMS system layout																			
Category Code: E86 Appraisal Report for Consultancy Service																			
Category Code: E87 Appraisal Report for EPC Contractor Work																			
Category Code: E88 Appraisal Report for Vendor/Supplier																			
Category Code: E90 Vendor documents																			
Category Code: E91 Index/List																			
Category Code: E92 Procedures & Standards																			
	EE	OL1-2E92-0001	GENERAL DESIGN RULES FOR FOR SMART PLAN ELECTRICAL	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	14/10/2018	30/01/2019												
					Revised Plan	06/08/2018	29/11/2018												
					Issue Actual	06/08/2018													
					Transmittal no.	TPSK-LSPA1-T-EE-00008													
					Return Date	24/08/2018													
					Owner Cmmt*	A3													
	EE	OL1-2E92-0002	Coordination Procedure For Smartplant Electrical	Class 2	Purpose**	IFR	IFI												
					Rev.	A	0												
					Issue Plan														
					Revised Plan	06/08/2018	29/11/2018												
					Issue Actual	06/08/2018	29/11/2018												
					Transmittal no.	TPSK-LSPA1-T-EE-00008	TPSK-LSPA1-T-EE-00395												
					Return Date	24/08/2018													
					Owner Cmmt*	A3													
	EE	OL1-2E92-0003	Coordination Procedure For ETAP	Class 2	Purpose**	IFR	IFI	IFI	IMP										
					Rev.		A	0											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment					Working Days			
					Issue Plan	14/10/2018			03/12/2018								
					Revised Plan	06/08/2018	06/08/2018	05/12/2018	05/12/2018								
					Issue Actual		06/08/2018	05/12/2018									
					Transmittal no.		TPSK-LSPA1-T-EE-00008	TPSK-LSPA1-T-EE-00426									
					Return Date		24/08/2018										
					Owner Cmmt*		A3										
Category Code: E93 Policy , Guidelines & Memo																	
Category Code: E94 Forms & Templates																	
Category Code: E95 Progress/Status Reports																	
Category Code: F26 Hydraulic Calculation for Fixed FF Systems																	
	FF	OL1-2F26-0002	Hydraulic Calculation For Firewater Deluge / Water Spray System		Purpose**	IFR											
					Rev.	A											
					Issue Plan	22/04/2019											
					Revised Plan	22/04/2019											
					Issue Actual	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01424											
					Return Date	07/06/2019											
					Owner Cmmt*	R2											
	FF	OL1-2F26-0003	DELUGE NOZZLES ARRANGEMENT CALCULATION NOTE		Purpose**	IFR											
					Rev.	A											
					Issue Plan	17/09/2019											
					Revised Plan	19/04/2019											
					Issue Actual	19/04/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01418											
					Return Date	07/06/2019											
					Owner Cmmt*	R2											
Category Code: F30 Fire Fighting Layout																	
	FF	OL1-2F30-0001	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 0S ELECTRICAL SUBSTATION & FAR E		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R1										
	FF	OL1-2F30-0002	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 3S ELECTRICAL SUBSTATION & FAR C		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0003	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 5T COOLING WATER UNIT		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0004	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 5W WASTE WATER TREATMENT		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0005	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 5U UTILITIES		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0006	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 5F HP & POLYOLEFINS FLARES UNIT		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0007	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 0M METERING STATION		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-0612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0009	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 1B FURNACES UTILITIES		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0010	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 2A QUENCH		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										
	FF	OL1-2F30-0011	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 2B C3 HYDROGENATION		Purpose**	IFR	IFR										
					Rev.	A	C										
					Issue Plan	10/04/2019											
					Revised Plan	08/04/2019											
					Issue Actual	08/04/2019	08/05/2019										
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612										
					Return Date	10/05/2019	29/05/2019										
					Owner Cmmt*	R2	R2										

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	FF	OL1-2F30-0012	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 2D PROCESS COLD COMPRESSOR		Purpose**	IFR	IFR											
					Rev.	A	C											
					Issue Plan	10/04/2019												
					Revised Plan	08/04/2019												
					Issue Actual	08/04/2019	08/05/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612											
					Return Date	10/05/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	FF	OL1-2F30-0013	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 2E CRACKED GAS COMPRESSOR		Purpose**	IFR	IFR											
					Rev.	A	C											
					Issue Plan	10/04/2019												
					Revised Plan	08/04/2019												
					Issue Actual	08/04/2019	08/05/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612											
					Return Date	10/05/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	FF	OL1-2F30-0014	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 3A BUTADIENE EXTRACTION UNIT		Purpose**	IFR	IFR											
					Rev.	A	C											
					Issue Plan	10/04/2019												
					Revised Plan	08/04/2019												
					Issue Actual	08/04/2019	08/05/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612											
					Return Date	10/05/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	FF	OL1-2F30-0015	FIRE PROTECTION & FIREFIGHTING LAYOUT - ZONE 2C HOT FRACTIONATION/GHU UNIT		Purpose**	IFR	IFR											
					Rev.	A	C											
					Issue Plan	10/04/2019												
					Revised Plan	08/04/2019												
					Issue Actual	08/04/2019	08/05/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01270	TPSK-LSPA1-T-FF-01612											
					Return Date	10/05/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
Category Code: F40 Fire and Gas Layout																		
	FF	OL1-2F40-5002	FIRE & GAS DEVICES LAYOUT METERING		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01119												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5003	FIRE & GAS DEVICES LAYOUT MAIN PIPE RACK		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01119												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5004	FIRE & GAS DEVICES LAYOUT AREA SUBSTATION E & FAR E		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5005	FIRE & GAS DEVICES LAYOUT AREA SUBSTATION C & FAR C		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5006	FIRE & GAS DEVICES LAYOUT FURNACES UTILITY		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5007	FIRE & GAS DEVICES LAYOUT QUENCH		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5008	FIRE & GAS DEVICES LAYOUT PROCESS 20B		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5009	FIRE & GAS DEVICES LAYOUT PROCESS 20C		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5010	FIRE & GAS DEVICES LAYOUT PROCESS COLD COMPRESSORS		Purpose**	IFR	IDD	IFC										
					Rev.	A												
					Issue Plan	15/06/2019	25/01/2020	15/05/2020										
					Revised Plan	22/03/2019	25/01/2020	15/05/2020										
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01120												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F40-5011	FIRE & GAS DEVICES LAYOUT PROCESS CGC		Purpose**	IFR	IDD	IFC										
					Rev.	A												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification					
					Issue Plan	15/06/2019	25/01/2020	15/05/2020	
					Revised Plan	22/03/2019	25/01/2020	15/05/2020	
					Issue Actual	21/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01120			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F40-5012	FIRE & GAS DEVICES LAYOUT BUTADIENE		Purpose**	IFR	IDD	IFC	
					Rev.	A			
					Issue Plan	15/06/2019	25/01/2020	15/05/2020	
					Revised Plan	22/03/2019	25/01/2020	15/05/2020	
					Issue Actual	21/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01120			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F40-5013	FIRE & GAS DEVICES LAYOUT COOLING WATER UNIT		Purpose**	IFR	IDD	IFC	
					Rev.	A			
					Issue Plan	15/06/2019	25/01/2020	15/05/2020	
					Revised Plan	22/03/2019	25/01/2020	15/05/2020	
					Issue Actual	21/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01120			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F40-5014	FIRE & GAS DEVICES LAYOUT UTILITIES		Purpose**	IFR	IDD	IFC	
					Rev.	A			
					Issue Plan	15/06/2019	25/01/2020	15/05/2020	
					Revised Plan	22/03/2019	25/01/2020	15/05/2020	
					Issue Actual	21/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01120			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F40-5015	FIRE & GAS DEVICES LAYOUT WASTE WATER TREATMENT		Purpose**	IFR	IDD	IFC	
					Rev.	A			
					Issue Plan	15/06/2019	25/01/2020	15/05/2020	
					Revised Plan	22/03/2019	25/01/2020	15/05/2020	
					Issue Actual	21/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01120			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F40-5016	FIRE & GAS DEVICES LAYOUT FLARE AREA		Purpose**	IFR	IDD	IFC	
					Rev.	A			
					Issue Plan	15/06/2019	25/01/2020	15/05/2020	
					Revised Plan	22/03/2019	25/01/2020	15/05/2020	
					Issue Actual	21/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01120			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
Category Code: F41 Fire and Gas Detector C&E									
	FF	OL1-2F41-5001	FIRE AND GAS CAUSE & EFFECT CHART FAR-E SYSTEM		Purpose**	IFR	IDD	IFC	
					Rev.				
					Issue Plan	28/02/2020	07/06/2020	30/09/2020	
					Revised Plan	28/02/2020	07/06/2020	30/09/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	FF	OL1-2F41-5002	FIRE AND GAS CAUSE & EFFECT CHART FAR-C SYSTEM		Purpose**	IFR	IDD	IFC	
					Rev.				
					Issue Plan	28/02/2020	07/06/2020	30/09/2020	
					Revised Plan	28/02/2020	07/06/2020	30/09/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	FF	OL1-2F41-5003	FIRE AND GAS CAUSE & EFFECT CHART CCB SYSTEM		Purpose**	IFR	IDD	IFC	
					Rev.				
					Issue Plan	28/02/2020	07/06/2020	30/09/2020	
					Revised Plan	28/02/2020	07/06/2020	30/09/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
Category Code: F71 Appraisal Report for Consultancy Service									
Category Code: F72 Appraisal Report for EPC Contractor Work									
Category Code: F73 Appraisal Report for Vendor/Supplier									
Category Code: F75 Escape Ways Drawing									
	FF	OL1-2F75-0001	Life Saving Equipment and Escape Route Layout - Zone 0S Electrical Sub-station and Far E	Class 2	Purpose**	IFR	IBD	IDD	IFC
					Rev.	A			
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020
					Issue Actual	29/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01191			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F75-0002	Life Saving Equipment and Escape Route Layout - Zone 3S Electrical Sub-station and Far C	Class 2	Purpose**	IFR	IBD	IDD	IFC
					Rev.	A			
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020
					Issue Actual	29/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01191			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F75-0003	Life Saving Equipment and Escape Route Layout - Zone 5T Cooling Water Unit	Class 2	Purpose**	IFR	IDD	IFC1	IFC2
					Rev.	A			
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020
					Issue Actual	29/03/2019			
					Transmittal no.	TPSK-LSPA1-T-FF-01191			
					Return Date	10/05/2019			
					Owner Cmmt*	R2			
	FF	OL1-2F75-0004	Life Saving Equipment and Escape Route Layout - Zone 5W Waste Water Treatment	Class 2	Purpose**	IFR	IBD	IDD	IFC
					Rev.	A	B		
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020
					Issue Actual	29/03/2019	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02050		
					Return Date	10/05/2019			
					Owner Cmmt*	R2			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	FF	OL1-2F75-0005	Life Saving Equipment and Escape Route Layout - Zone 5U Utilities	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0006	Life Saving Equipment and Escape Route Layout - Zone 5F HP & Polyoleffins Flares Unit	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01191												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0007	Life Saving Equipment and Escape Route Layout - Zone 0M Metering Station	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01191												
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0009	Life Saving Equipment and Escape Route Layout - - Zone 1B Furnaces Utility	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0010	Life Saving Equipment and Escape Route Layout - Zone 2A Quench	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0011	Life Saving Equipment and Escape Route Layout - Zone 2B C3 Hydrogenation	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0012	Life Saving Equipment and Escape Route Layout - Zone 2D Process Cold Compressor	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0013	Life Saving Equipment and Escape Route Layout - Zone 2E Cracked Gas Compressor	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0014	Life Saving Equipment and Escape Route Layout - Zone 3A Butadiene Extraction Unit	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
	FF	OL1-2F75-0015	Life Saving Equipment and Escape Route Layout - Zone 2C Hot Fractionation/GHU Unit	Class 2	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	10/04/2019	07/06/2019	23/09/2019	06/04/2020									
					Revised Plan	29/03/2019	07/06/2019	23/09/2019	06/04/2020									
					Issue Actual	29/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-FF-01191	TPSK-LSPA1-T-FF-02048											
					Return Date	10/05/2019												
					Owner Cmmt*	R2												
Category Code: F90 Vendor Document																		
Category Code: F91 Index/List																		
Category Code: F92 Procedures & Standards																		
	FF	OL1-2F92-0001	Fire And Gas Detection	Class 2	Purpose**	IFR	IMP											
					Rev.	A												
					Issue Plan	18/01/2019	15/02/2019											
					Revised Plan	21/03/2019	16/05/2019											
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-FF-01125												
					Return Date	09/05/2019												
					Owner Cmmt*	R1												
Category Code: F93 Policy , Guidelines & Memo																		
Category Code: F94 Forms & Templates																		
Category Code: F95 Progress/Status Reports				Class 2	Purpose**													
Category Code: G01 All Project Philosophies and Process design standard and All Project Studies Records					Rev.													
	PE	OL1-2G01-0001	JSD FOR P & ID PREPARATION		Purpose**	IFR	IFA	IMP										
					Rev.		A	0										
					Issue Plan	31/07/2018		01/03/2019										
					Revised Plan	31/07/2018	31/07/2018	01/03/2019										
					Issue Actual		31/07/2018	01/03/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00006	TPSK-LSPA1-T-PE-00965										
					Return Date		21/08/2018	05/04/2019										
					Owner Cmmt*			R2										
	PE	OL1-2G01-0002	Cold Box Design Specification	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	03/10/2018												

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LONG SON PETROCHEMICALS

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IFP = Issue For Planning	/ Execution			
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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	03/10/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00123													
					Return Date	12/10/2018													
					Owner Cmmt*	R1													
	PE	OL1-2G01-0003	Plate-Fin Exchanger Design Specification	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/10/2018													
					Issue Actual	03/10/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00123													
					Return Date	12/10/2018													
					Owner Cmmt*	R1													
	PE	OL1-2G01-0004	Tray Design Specification	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/01/2019													
					Issue Actual	10/01/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-00624													
					Return Date	04/02/2019													
					Owner Cmmt*	R1													
Category Code: G02 Design Basis																			
	PE	OL1-2G02-0001	PROCESS BASIS OF DESIGN	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	12/11/2018		25/02/2019											
					Revised Plan	13/08/2018	30/07/2018	26/03/2019											
					Issue Actual		30/07/2018	26/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00002	TPSK-LSPA1-T-PE-01154											
					Return Date		17/08/2018	16/05/2019											
					Owner Cmmt*		A3	R2											
	PE	OL1-2G02-0002	EQUIPMENT BASIS OF DESIGN	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	12/11/2018		25/02/2019											
					Revised Plan	30/07/2018	30/07/2018	26/03/2019											
					Issue Actual		30/07/2018	26/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00002	TPSK-LSPA1-T-PE-01154											
					Return Date		17/08/2018												
					Owner Cmmt*		A3												
	PE	OL1-2G02-0003	FLARE AND BLOWDOWN SYSTEM BASIS OF DESIGN	Class 2	Purpose**	IFR	IFA	IFD											
					Rev.		A												
					Issue Plan	04/09/2018		13/06/2019											
					Revised Plan	04/09/2018	06/09/2018	13/06/2019											
					Issue Actual		06/09/2018												
					Transmittal no.		TPSK-LSPA1-T-PE-00034												
					Return Date		28/09/2018												
					Owner Cmmt*		R2												
	PE	OL1-2G02-0006	FURNACE BASIS OF DESIGN	Class 3	Purpose**	IFR	IFA	IFF											
					Rev.		A												
					Issue Plan	31/07/2018		27/11/2018											
					Revised Plan	31/07/2018	31/07/2018	27/11/2018											
					Issue Actual		31/07/2018												
					Transmittal no.		TPSK-LSPA1-T-PE-00004												
					Return Date		17/08/2018												
					Owner Cmmt*		A3												
Category Code: G03 Conceptual Design																			
Category Code: G04 Process Design Package																			
Category Code: G05 Equipment and Unit Functional Design																			
	PE	OL1-2G05-1001	AREA BASIS OF DESIGN - 10 FEED	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	12/11/2018		25/02/2019											
					Revised Plan	13/08/2018	07/08/2018	26/03/2019											
					Issue Actual		07/08/2018	26/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00011	TPSK-LSPA1-T-PE-01154											
					Return Date		27/08/2018	22/04/2019											
					Owner Cmmt*		A3	A1											
	PE	OL1-2G05-1101	SIZING OF STEAM DRUM & SUPERHEATER PSVS	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	10/01/2019	10/01/2019												
					Revised Plan	30/01/2019	15/10/2019												
					Issue Actual	30/01/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-00769													
					Return Date	21/03/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G05-1201	Steam Drum and Superheater PSVs Sizing Calculation	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	30/01/2019	26/04/2019												
					Issue Actual	30/01/2019	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00769	TPSK-LSPA1-T-PE-01513												
					Return Date	21/03/2019	29/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G05-2001	AREA BASIS OF DESIGN - 20/21 QUENCH	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	12/11/2018		25/02/2019											
					Revised Plan	13/08/2018	07/08/2018	02/04/2019											
					Issue Actual		07/08/2018	02/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00011	TPSK-LSPA1-T-PE-01224											
					Return Date		27/08/2018	16/05/2019											
					Owner Cmmt*		A3	R1											
	PE	OL1-2G05-2101	SIZING OF STEAM DRUM & SUPERHEATER PSVS	Class 2	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	10/01/2019	10/01/2019												
					Revised Plan	30/01/2019	15/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G05-2201	AREA BASIS OF DESIGN - 22/24 COMPRESSION	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	12/11/2018		25/02/2019											
					Revised Plan	13/08/2018	13/08/2018	08/04/2019											
					Issue Actual		13/08/2018	08/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00022	TPSK-LSPA1-T-PE-01272											
					Return Date		05/09/2018	16/05/2019											
					Owner Cmmt*		A3	R2											
	PE	OL1-2G05-2301	AREA BASIS OF DESIGN - 23 CAUSTIC	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	12/11/2018		25/02/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	13/08/2018	08/08/2018	11/04/2019										
					Issue Actual		08/08/2018	11/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00014	TPSK-LSPA1-T-PE-01317										
					Return Date		31/08/2018	16/05/2019										
					Owner Cmmt*		A3	R2										
	PE	OL1-2G05-2501	AREA BASIS OF DESIGN - 25 COLD FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	13/08/2018	07/08/2018	08/04/2019										
					Issue Actual		07/08/2018	08/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00011	TPSK-LSPA1-T-PE-01276										
					Return Date		27/08/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G05-2601	AREA BASIS OF DESIGN - 26 HOT FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	17/09/2018	08/08/2018	04/04/2019										
					Issue Actual		08/08/2018	04/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00014	TPSK-LSPA1-T-PE-01249										
					Return Date		31/08/2018	16/05/2019										
					Owner Cmmt*		A3	R1										
	PE	OL1-2G05-2602	AREA BASIS OF DESIGN - 262 C3 HYDROGENATION	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	12/11/2018	12/11/2018	26/04/2019										
					Issue Actual		12/11/2018	26/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00307	TPSK-LSPA1-T-PE-01510										
					Return Date		04/02/2019	29/05/2019										
					Owner Cmmt*		A1	R2										
	PE	OL1-2G05-2701	AREA BASIS OF DESIGN - 270 GHU-1	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	12/11/2018	12/11/2018	26/04/2019										
					Issue Actual		12/11/2018	26/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00307	TPSK-LSPA1-T-PE-01510										
					Return Date		04/02/2019	29/05/2019										
					Owner Cmmt*		A1	R2										
	PE	OL1-2G05-2702	AREA BASIS OF DESIGN - 275 C4/C5 HYDROGENATION	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	12/11/2018	12/11/2018	15/05/2019										
					Issue Actual		12/11/2018	15/05/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00307	TPSK-LSPA1-T-PE-01667										
					Return Date		04/02/2019	21/06/2019										
					Owner Cmmt*		A1	R2										
	PE	OL1-2G05-2801	AREA BASIS OF DESIGN - 28 REFRIG	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	13/08/2018	13/08/2018	02/04/2019										
					Issue Actual		13/08/2018	02/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00022	TPSK-LSPA1-T-PE-01224										
					Return Date		05/09/2018	16/05/2019										
					Owner Cmmt*		A1	R1										
	PE	OL1-2G05-3001	AREA BASIS OF DESIGN - 30 BDU	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	03/11/2018	09/10/2018	16/05/2019										
					Issue Actual		09/10/2018	20/06/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00150	TPSK-LSPA1-T-PE-01932										
					Return Date		02/04/2019	11/07/2019										
					Owner Cmmt*		R2	R2										
	PE	OL1-2G05-5001	AREA BASIS OF DESIGN - 50 ISBL SUPPORTING UTILITIES	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A											
					Issue Plan	12/11/2018		25/02/2019										
					Revised Plan	31/07/2018	31/07/2018	16/05/2019										
					Issue Actual		31/07/2018											
					Transmittal no.		TPSK-LSPA1-T-PE-00003											
					Return Date		17/08/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G05-5301	AREA BASIS OF DESIGN - 53 COOLING WATER TOWER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	09/08/2018		21/03/2019										
					Revised Plan	31/07/2018	31/07/2018	03/06/2019										
					Issue Actual		31/07/2018	26/09/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00003	TPSK-LSPA1-T-PE-00003										
					Return Date		17/08/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G05-5501	AREA BASIS OF DESIGN - 55 FLARE SYSTEM	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A											
					Issue Plan	09/08/2018		21/03/2019										
					Revised Plan	09/08/2018	09/08/2018	03/06/2019										
					Issue Actual		09/08/2018											
					Transmittal no.		TPSK-LSPA1-T-PE-00016											
					Return Date		29/08/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G05-5601	AREA BASIS OF DESIGN - 56 WASTEWATER TREATMENT SYSTEM	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	09/08/2018		21/03/2019										
					Revised Plan	07/08/2018	07/08/2018	03/06/2019										
					Issue Actual		07/08/2018	26/09/2018	25/02/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00011	TPSK-LSPA1-T-PE-00091	TPSK-LSPA1-T-PE-00920									
					Return Date		27/08/2018	12/10/2018	29/03/2019									
					Owner Cmmt*		A3	A3	R1									
Category Code: G06 Process simulation model				Class 2	Purpose**													
Category Code: G20 Design calculations					Rev.													
Category Code: G21 Hydraulic Calculation					Issue Plan													
Category Code: G22 Flare Calculation				Class 2	Purpose**													
	PE	OL1-2G22-0001	FLARE LOAD SUMMARY	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	25/10/2018	20/06/2019	10/10/2019										
					Revised Plan	25/10/2018	20/06/2019	10/10/2019										
					Issue Actual	25/10/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00229												
					Return Date	14/11/2018												
					Owner Cmmt*	R2												
Category Code: G23 Sizing data for the relief and blowdown systems																		
	PE	OL1-2G23-1001	PSV-1001 Sizing Calculation	Class 2	Purpose**	IFR												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Rev.	A										
					Issue Plan											
					Revised Plan	24/04/2019										
					Issue Actual	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01474										
					Return Date	04/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-1002	PSV-1002 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01380										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1003	PSV-1003 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01380										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1004	PSV-1004 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01380										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1006	PSV-1006 and PSV-1009 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/04/2019										
					Issue Actual	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01474										
					Return Date	04/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-1007	PSV-1007 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/04/2019										
					Issue Actual	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01474										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1008	PSV-1008 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01380										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1010	PSV-1010 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/04/2019										
					Issue Actual	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01474										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1011	PSV-1011 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01380										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1012	PSV-1012 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/04/2019										
					Issue Actual	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01474										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1015	PSV-1015 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/04/2019										
					Issue Actual	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01474										
					Return Date	04/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-1016	PSV-1016 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01380										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-1901	PSV-1911 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	25/04/2019										
					Issue Actual	25/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01488										
					Return Date	29/05/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-1902	PSV-1912 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	25/04/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01488											
					Return Date	29/05/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G23-2001	PSV-2005 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2002	PSV-2006 A-C Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2003	PSV-2010 A-E Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2004	PSV-2016 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2005	PSV-2020 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2006	PSV-2025 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2007	PSV-2030 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01811											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2008	PSV-2017 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2009	PSV-2028 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01811											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2010	PSV-2027 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01811											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2011	PSV-2011 A-B-C-D-E Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01811											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2012	PSV-2018 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01811											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2101	PSV-2105 A-O Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/06/2019											
					Issue Actual	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01834											
					Return Date												

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LONG SON PETROCHEMICALS

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Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*														
	PE	OL1-2G23-2102	PSV-2108 A-B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01811													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2103	PSV-2111 A-B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01811													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2104	PSV-2115 A-E Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/06/2019													
					Issue Actual	06/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01822													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2105	PSV-2120 A-B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/06/2019													
					Issue Actual	06/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01822													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2106	PSV-2125 A-B Sizing Calculation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	05/06/2019	11/06/2019												
					Issue Actual	05/06/2019	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01811	TPSK-LSPA1-T-PE-01873												
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2108	PSV-2131 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01834													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2109	PSV-2130 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01811													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2110	PSV-2135 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01811													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2111	PSV-2136 Sizing Calculation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	29/05/2019	11/06/2019												
					Issue Actual	29/05/2019	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01763	TPSK-LSPA1-T-PE-01873												
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2112	PSV-2145 A-B-C-D Sizing Calculation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	07/06/2019	11/06/2019												
					Issue Actual	07/06/2019	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01831	TPSK-LSPA1-T-PE-01873												
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2113	PSV-2146 A-B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	29/05/2019													
					Issue Actual	29/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01763													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2116	PSV-2165 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01834													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2117	PSV-2166 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/06/2019													
					Issue Actual	06/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01822													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2118	PSV-2132 Sizing Calculation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan													
					Revised Plan	05/06/2019	12/06/2019											
					Issue Actual	05/06/2019	12/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01811	TPSK-LSPA1-T-PE-01883											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-2119	PSV-2126 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	05/06/2019												
					Issue Actual	05/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01811												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-2120	PSV-2113 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	05/06/2019												
					Issue Actual	05/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01811												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-2201	PSV-2201 Sizing Calculation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	24/04/2019	07/06/2019											
					Issue Actual	24/04/2019	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01474	TPSK-LSPA1-T-PE-01831											
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2202	PSV-2210 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2203	PSV-2225 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2204	PSV-2230 Sizing Calculation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	24/04/2019	07/06/2019											
					Issue Actual	24/04/2019	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01474	TPSK-LSPA1-T-PE-01831											
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2205	PSV-2235 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2206	PSV-2246 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01475												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2207	PSV-2255 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2208	PSV-2260 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2209	PSV-2265 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2210	PSV-2266 A-B Sizing Calulation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	24/04/2019	07/06/2019											
					Issue Actual	24/04/2019	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01475	TPSK-LSPA1-T-PE-01831											
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2301	PSV-2301 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/05/2019												
					Issue Actual	28/05/2019												

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
					Transmittal no.	TPSK-LSPA1-T-PE-01759		
					Return Date	03/06/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2302	PSV-2310 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/05/2019		
					Issue Actual	28/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01759		
					Return Date	21/06/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2303	PSV-2316 A-B Sizing Calculation	Class 2	Purpose**	IFR	IFR	
					Rev.	A	B	
					Issue Plan			
					Revised Plan	30/04/2019	20/05/2019	
					Issue Actual	30/04/2019	20/05/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01530	TPSK-LSPA1-T-PE-01698	
					Return Date	29/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2304	PSV-2322 A-B Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/04/2019		
					Issue Actual	15/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-001364		
					Return Date	24/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2305	PSV-2327 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/04/2019		
					Issue Actual	15/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-001364		
					Return Date	24/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2306	PSV-2332 A-B Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/04/2019		
					Issue Actual	15/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-001364		
					Return Date	24/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2307	PSV-2335 A-B Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/04/2019		
					Issue Actual	15/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-001364		
					Return Date	24/05/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2308	PSV-2341 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	24/05/2019		
					Issue Actual	24/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01737		
					Return Date	17/06/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2309	PSV-2343 A-B Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	B		
					Issue Plan			
					Revised Plan	20/05/2019		
					Issue Actual	20/05/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01698		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2390	Process Datasheet for Restriction Orifice - Unit 23	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	20/06/2019		
					Issue Actual	20/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01929		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2401	PSV-2401 Sizing Calculaiton	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	24/04/2019		
					Issue Actual	24/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01474		
					Return Date	04/06/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2402	PSV-2403 A-B Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	24/04/2019		
					Issue Actual	24/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01474		
					Return Date	04/06/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2403	PSV-2405 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	24/04/2019		
					Issue Actual	24/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01474		
					Return Date	04/06/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2404	PSV-2407 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	24/04/2019		
					Issue Actual	24/04/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01474		
					Return Date	04/06/2019		
					Owner Cmmt*	R2		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	PE	OL1-2G23-2405	PSV-2408 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01474												
					Return Date	04/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2406	PSV-2410 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	22/04/2019												
					Issue Actual	22/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01435												
					Return Date	04/06/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2407	PSV-2411 Sizing Calcuation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	22/04/2019												
					Issue Actual	22/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01435												
					Return Date	04/06/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2408	PSV-2414 Sizing Calculation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	26/04/2019	24/05/2019											
					Issue Actual	26/04/2019	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01508	TPSK-LSPA1-T-PE-01737											
					Return Date	03/06/2019	13/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G23-2409	PSV-2415 Sizing Calculation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	30/04/2019	24/05/2019											
					Issue Actual	30/04/2019	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01530	TPSK-LSPA1-T-PE-01737											
					Return Date	03/06/2019	13/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G23-2410	PSV-2416 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01508												
					Return Date	29/05/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2411	PSV-2418 A-D Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	16/05/2019												
					Issue Actual	16/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01680												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-2412	PSV-2419 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	25/04/2019												
					Issue Actual	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01488												
					Return Date	29/05/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2413	PSV-2422 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/04/2019												
					Issue Actual	15/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-001364												
					Return Date	24/05/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2414	PSV-2423 A-B-C Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/04/2019												
					Issue Actual	15/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-001364												
					Return Date	24/05/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2415	PSV-2425 A-B Sizing Calculation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	15/04/2019	16/05/2019											
					Issue Actual	15/04/2019	16/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-001364	TPSK-LSPA1-T-PE-01680											
					Return Date	24/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2416	PSV-2426 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/04/2019												
					Issue Actual	15/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-001364												
					Return Date	24/05/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2417	PSV-2428 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/04/2019												
					Issue Actual	15/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-001364												
					Return Date	24/05/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2418	PSV-2429 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	30/04/2019													
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01530													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2419	PSV-2431 A-B Sizing Calculation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	15/04/2019	16/05/2019												
					Issue Actual	15/04/2019	16/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-001364	TPSK-LSPA1-T-PE-01680												
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2420	PSV-2432 A-B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2422	PSV-2435 A-D Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2423	PSV-2436 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2424	PSV-2437 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2425	PSV-2438 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/05/2019													
					Issue Actual	24/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01737													
					Return Date	13/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2426	PSV-2441 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/05/2019													
					Issue Actual	24/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01737													
					Return Date	13/06/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2427	PSV-2443 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2428	PSV-2444 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
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					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2429	PSV-2445 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2430	PSV-2446 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2431	PSV-2447 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2432	PSV-2448 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days			
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2433	PSV-2449 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2434	PSV-2450 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/04/2019													
					Issue Actual	25/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01488													
					Return Date	29/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2435	PSV-2440 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/04/2019													
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-001364													
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2436	PSV-2413 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	30/04/2019													
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01530													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2437	PSV-2452 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01924													
					Return Date	11/07/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2490	Process Datasheet for Restriction Orifice - Area 24	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01929													
					Return Date	11/07/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2501	PSV-2504 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/04/2019													
					Issue Actual	25/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01488													
					Return Date	29/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2503	PSV-2514 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/04/2019													
					Issue Actual	25/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01488													
					Return Date	29/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2504	PSV-2517 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	22/04/2019													
					Issue Actual	22/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01435													
					Return Date	04/06/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2505	PSV-2520 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2506	PSV-2522 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	16/04/2019													
					Issue Actual	16/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01382													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2507	PSV-2524 Sizing Calculation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	25/04/2019	30/04/2019												
					Issue Actual	25/04/2019	30/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01488	TPSK-LSPA1-T-PE-01530												
					Return Date		29/05/2019												
					Owner Cmmt*		R2												
	PE	OL1-2G23-2508	PSV-2525 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	16/04/2019													
					Issue Actual	16/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01382													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2509	PSV-2530 Sizing Calculation	Class 2	Purpose**	IFR													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Rev.	A										
					Issue Plan											
					Revised Plan	17/04/2019										
					Issue Actual	17/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01395										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2510	PSV-2531 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/04/2019										
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01382										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2511	PSV-2535 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	17/04/2019										
					Issue Actual	17/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01395										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2512	PSV-2539 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	22/04/2019										
					Issue Actual	22/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01435										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2513	PSV-2540 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	17/04/2019										
					Issue Actual	17/04/2019										
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					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2514	PSV-2544 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	22/04/2019										
					Issue Actual	22/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01435										
					Return Date	04/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2515	PSV-2545 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	22/04/2019										
					Issue Actual	22/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01435										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2517	PSV-2548 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
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					Issue Actual	17/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01395										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2518	PSV-2550 A-B-C Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01801										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2519	PSV-2551 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	25/04/2019										
					Issue Actual	25/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01488										
					Return Date	29/05/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2520	PSV-2555 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	17/04/2019										
					Issue Actual	17/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01395										
					Return Date	24/05/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2521	PSV-2553 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	22/04/2019										
					Issue Actual	22/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01435										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2522	PSV-2560 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	17/04/2019										
					Issue Actual	17/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01395										
					Return Date	24/05/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2523	PSV-2565 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/05/2019										

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01759											
					Return Date	21/06/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G23-2524	PSV-2556 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	17/04/2019											
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01395											
					Return Date	24/05/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G23-2601	PSV-2626 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2602	PSV-2639 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01801											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2603	PSV-2633 A-B-C-D-E Sizing Calculation	Class 2	Purpose**	IFR	IFR										
					Rev.	A	B										
					Issue Plan												
					Revised Plan	28/05/2019	12/06/2019										
					Issue Actual	28/05/2019	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01759	TPSK-LSPA1-T-PE-01883										
					Return Date	21/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2604	PSV-2601 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2605	PSV-2605 Sizinig Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2606	PSV-2610 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2607	PSV-2614 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2608	PSV-2615 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2609	PSV-2620 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2610	PSV-2624 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2611	PSV-2630 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-2612	PSV-2637 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	04/06/2019											
					Issue Actual	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01805											
					Return Date												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Owner Cmmt*											
	PE	OL1-2G23-2613	PSV-2638 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01805										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2614	PSV-2645 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01805										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2615	PSV-2650 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01801										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2616	PSV-2652 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01805										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2617	PSV-2655 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01805										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2618	PSV-2625 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01801										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2619	PSV-2631 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01801										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2620	PSV-2646 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	04/06/2019										
					Issue Actual	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01801										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2621	PSV-2651 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01883										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2701	PSV-2703 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01831										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2702	PSV-2704 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01831										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2703	PSV-2706 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01834										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2704	PSV-2716 A-B Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01834										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2705	PSV-2705 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
					Issue Plan			
					Revised Plan	12/06/2019		
					Issue Actual	12/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01883		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2707	PSV-2715 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	12/06/2019		
					Issue Actual	12/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01883		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2708	PSV-2719 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01911		
					Return Date	11/07/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2709	PSV-2723 A-B-C-D Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	07/06/2019		
					Issue Actual	07/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01834		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2710	PSV-2721 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	11/06/2019		
					Issue Actual	11/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01873		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2711	PSV-2726 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01911		
					Return Date	11/07/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2712	PSV-2729 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01911		
					Return Date	11/07/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2713	PSV-2733 A-B-C-D-E Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	27/06/2019		
					Issue Actual	27/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02002		
					Return Date	17/07/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G23-2714	PSV-2734 A-B-C Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	11/06/2019		
					Issue Actual	11/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01873		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2715	PSV-2737 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01911		
					Return Date	11/07/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2716	PSV-2738 A-B Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	12/06/2019		
					Issue Actual	12/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01883		
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G23-2717	PSV-2741 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01911		
					Return Date	11/07/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2718	PSV-2744 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01911		
					Return Date	11/07/2019		
					Owner Cmmt*	R1		
	PE	OL1-2G23-2720	PSV-2748 Sizing Calculation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	18/06/2019		
					Issue Actual	18/06/2019		

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.	TPSK-LSPA1-T-PE-01911												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2721	PSV-2746 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01911												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2722	PSV-2749 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01911												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2723	PSV-2750 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01911												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2724	PSV-2751 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01983												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2725	PSV-2755 Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01983												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2726	PSV-2760 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01911												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2727	PSV-2761 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01983												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2728	PSV-2766 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01911												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2729	PSV-2767 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01988												
					Return Date	17/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2730	PSV-2771 Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01983												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G23-2731	PSV-2720 A-B-C Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01873												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-2732	PSV-2752 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01983												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-2733	PSV-2707 AB Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01873												
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	PE	OL1-2G23-2734	PSV-2714 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/06/2019													
					Issue Actual	11/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01873													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-2735	PSV-2745 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01883													
					Return Date														
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	PE	OL1-2G23-2736	PSV-2768 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/06/2019													
					Issue Actual	27/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-02002													
					Return Date	17/07/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G23-2801	PSV-2810 A-C Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01508													
					Return Date	29/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2802	PSV-2815 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01508													
					Return Date	29/05/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2803	PSV-2820 A-B Sizing Calculation	Class 2	Purpose**	IFR													
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					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
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					Return Date	29/05/2019													
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	PE	OL1-2G23-2804	PSV-2805 A-D Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01508													
					Return Date	29/05/2019													
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	PE	OL1-2G23-2805	PSV-2806 A-D Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
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	PE	OL1-2G23-2806	PSV-2823 A-B Sizing Calculation	Class 2	Purpose**	IFR													
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					Issue Plan														
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					Issue Actual	15/05/2019													
					Transmittal no.	TPSK-LPSA1-T-PE-01672													
					Return Date	04/06/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2807	PSV-2826 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
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					Issue Actual	15/05/2019													
					Transmittal no.	TPSK-LPSA1-T-PE-01672													
					Return Date	04/06/2019													
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	PE	OL1-2G23-2808	PSV-2829 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/05/2019													
					Issue Actual	15/05/2019													
					Transmittal no.	TPSK-LPSA1-T-PE-01672													
					Return Date	04/06/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G23-2809	PSV-2832 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01680													
					Return Date														
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	PE	OL1-2G23-2810	PSV-2835 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/05/2019													
					Issue Actual	15/05/2019													
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					Return Date	04/06/2019													
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	PE	OL1-2G23-2811	PSV-2836 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
					Transmittal no.	TPSK-LPSA1-T-PE-01672										
					Return Date	04/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2812	PSV-2837 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/05/2019										
					Issue Actual	16/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01680										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2813	PSV-2838 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
					Transmittal no.	TPSK-LPSA1-T-PE-01672										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2814	PSV-2839 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01672										
					Return Date	04/06/2019										
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	PE	OL1-2G23-2815	PSV-2841 A-D Sizing Calculation	Class 2	Purpose**	IFR										
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					Revised Plan	15/05/2019										
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					Issue Plan											
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
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	PE	OL1-2G23-2817	PSV-2843 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Plan											
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					Issue Actual	15/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01672										
					Return Date	04/06/2019										
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	PE	OL1-2G23-2818	PSV-2845 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Plan											
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
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	PE	OL1-2G23-2819	PSV-2846 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Actual	15/05/2019										
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					Return Date	04/06/2019										
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					Issue Plan											
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01672										
					Return Date	04/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2822	PSV-2852 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Plan											
					Revised Plan	15/05/2019										
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					Return Date	04/06/2019										
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	PE	OL1-2G23-2823	PSV-2854 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Plan											
					Revised Plan	15/05/2019										
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					Return Date	04/06/2019										
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	PE	OL1-2G23-2824	PSV-2855 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/05/2019										
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					Transmittal no.	TPSK-LSPA1-T-PE-01680										

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Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G23-2825	PSV-2856 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Plan											
					Revised Plan	15/05/2019										
					Issue Actual	15/05/2019										
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					Return Date	04/06/2019										
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	PE	OL1-2G23-2826	PSV-2857 Sizing Calculation	Class 2	Purpose**	IFR										
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					Revised Plan	20/05/2019										
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					Return Date											
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	PE	OL1-2G23-2827	PSV-2858 Sizing Calculation	Class 2	Purpose**	IFR										
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					Return Date											
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	PE	OL1-2G23-2828	PSV-2861 Sizing Calculation	Class 2	Purpose**	IFR										
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					Issue Actual	20/05/2019										
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					Return Date											
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	PE	OL1-2G23-2829	PSV-2864 Sizing Calculation	Class 2	Purpose**	IFR										
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					Revised Plan	20/05/2019										
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					Return Date											
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	PE	OL1-2G23-2830	PSV-2867 Sizing Calculation	Class 2	Purpose**	IFR										
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					Return Date											
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	PE	OL1-2G23-2831	PSV-2870 Sizing Calculation	Class 2	Purpose**	IFR										
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					Return Date											
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	PE	OL1-2G23-2832	PSV-2833 Sizing Calculation	Class 2	Purpose**	IFR										
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	PE	OL1-2G23-2902	PSV-2926 Sizing Calculation	Class 2	Purpose**	IFR										
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					Return Date	04/06/2019										
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	PE	OL1-2G23-2903	PSV-2928 Sizing Calculation	Class 2	Purpose**	IFR										
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					Return Date	04/06/2019										
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	PE	OL1-2G23-2904	PSV-2929 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
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					Issue Plan											
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					Revised Plan	28/05/2019										
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					Return Date	21/06/2019										
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					Rev.	A										
					Issue Plan											
					Revised Plan	28/05/2019										
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					Revised Plan	28/05/2019										
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					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01737										
					Return Date	13/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2916	PSV-2962 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/05/2019										
					Issue Actual	28/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01759										
					Return Date	21/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2917	PSV-2965 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01737										
					Return Date	13/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G23-2918	PSV-2966 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01737										
					Return Date	13/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2919	PSV-2967 Sizing Calcuation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01737										
					Return Date	13/06/2019										
					Owner Cmmt*	R1										
	PE	OL1-2G23-2921	PSV-2974 Sizing Calculation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/05/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01759											
					Return Date	21/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2922	PSV-2976 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	28/05/2019											
					Issue Actual	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01759											
					Return Date	21/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2923	PSV-2981 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/05/2019											
					Issue Actual	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01737											
					Return Date	13/06/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G23-2924	PSV-2985 Sizing Calucation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/05/2019											
					Issue Actual	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01737											
					Return Date	13/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2925	PSV-2986 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/05/2019											
					Issue Actual	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01737											
					Return Date	13/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2927	PSV-2988 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	28/05/2019											
					Issue Actual	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01759											
					Return Date	21/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2928	PSV-2963 Sizing Caluclation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/05/2019											
					Issue Actual	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01737											
					Return Date	13/06/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G23-2929	PSV-2975 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/05/2019											
					Issue Actual	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01737											
					Return Date	13/06/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G23-2930	PSV-2989 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/05/2019											
					Issue Actual	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01737											
					Return Date	13/06/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G23-5102	PSV-5113 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	06/06/2019											
					Issue Actual	06/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01822											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-5103	PSV-5120 Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	06/06/2019											
					Issue Actual	06/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01822											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-5104	PSV-5140 A-B Sizing Calculation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/06/2019											
					Issue Actual	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01834											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-5105	PSV-5143 A-K Sizing Calculation	Class 2	Purpose**	IFR	IFR										
					Rev.	A	B										
					Issue Plan												
					Revised Plan	10/06/2019	19/06/2019										
					Issue Actual	10/06/2019	19/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01851	TPSK-LSPA1-T-PE-01921										
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G23-5106	PSV-5150 A-D Sizing Calculation	Class 2	Purpose**	IFR	IFR										
					Rev.	A	B										
					Issue Plan												
					Revised Plan	07/06/2019	19/06/2019										
					Issue Actual	07/06/2019	19/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01834	TPSK-LSPA1-T-PE-01921										
					Return Date												

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*													
	PE	OL1-2G23-5107	PSV-5153 A-D Sizing Calculation	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	07/06/2019	19/06/2019											
					Issue Actual	07/06/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01834	TPSK-LSPA1-T-PE-01921											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5201	PSV-5201 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/06/2019												
					Issue Actual	07/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01834												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5202	PSV-5204 A-D Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	19/06/2019												
					Issue Actual	19/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01921												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5203	PSV-5208 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/06/2019												
					Issue Actual	07/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01834												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5204	PSV-5209 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01851												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5401	PSV-5401 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01822												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5402	PSV-5404 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	05/06/2019												
					Issue Actual	05/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01811												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5501	PSV-5507 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01873												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5502	PSV-5506 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01873												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5503	PSV-5509 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01912												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-5504	PSV-5510 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01851												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5506	PSV-5520 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01873												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5507	PSV-5521 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01873												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5508	PSV-5530 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001 / 10
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	
		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01883												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5509	PSV-5531 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01912												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-5510	PSV-5532 A-B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01912												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G23-5901	PSV-5901 A Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5902	PSV-5901 B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5903	PSV-5908 A Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5904	PSV-5908 B Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5905	PSV-5920 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5906	PSV-5924 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5907	PSV-5926 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5908	PSV-5930 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5909	PSV-5934 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5910	PSV-5938 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01801												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G23-5911	PSV-5940 Sizing Calculation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/06/2019												
					Issue Actual	04/06/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification															
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5912	PSV-5944 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5913	PSV-5948 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5914	PSV-5952 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5915	PSV-5956 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5916	PSV-5962 A Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5917	PSV-5962 B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5918	PSV-5965 A Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G23-5919	PSV-5965 B Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	04/06/2019													
					Issue Actual	04/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01801													
					Return Date														
					Owner Cmmt*														
	PE	OL2-2G23-2719	PSV-2747 Sizing Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	18/06/2019													
					Issue Actual	18/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01911													
					Return Date	11/07/2019													
					Owner Cmmt*	R1													
Category Code: G30 Process Equipment Data Sheets																			
	PE	OL1-2G30-1000	PROCESS EQUIPMENT DATA SHEET - 10-D-1000 - LPG FEED DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	19/11/2018	10/12/2018												
					Issue Actual	25/10/2018	10/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00227	TPSK-LSPA1-T-PE-00463												
					Return Date	05/12/2018	16/01/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-1001	PROCESS EQUIPMENT DATA SHEET - 10-E-1000 - LPG VAPORIZER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	03/01/2019	16/01/2019												
					Issue Actual	15/10/2018	10/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00176	TPSK-LSPA1-T-PE-00451												
					Return Date	14/11/2018	16/01/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-1003	PROCESS EQUIPMENT DATA SHEET - 10-E-1001 - LPG STEAM VAPORIZER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	03/01/2019	23/01/2019												
					Issue Actual	16/10/2018	23/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00179	TPSK-LSPA1-T-PE-00712												
					Return Date	28/01/2019	05/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-1005	PROCESS EQUIPMENT DATA SHEET - 10-E-1005 - LPG FEED HEATER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	03/01/2019	18/01/2019												
					Issue Actual	15/10/2018	18/01/2019	06/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00176	TPSK-LSPA1-T-PE-00680	TPSK-LSPA1-T-PE-00999											
					Return Date	14/11/2018	21/02/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1006	Process Equipment Datasheet - 10-E-1006 - LPG Feed Steam Heater	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	06/03/2019	04/04/2019											
					Issue Actual	06/03/2019	04/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00998	TPSK-LSPA1-T-PE-01261											
					Return Date		16/05/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-1015	PROCESS EQUIPMENT DATA SHEET - 10-E-1015 - LPG SUPERHEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	15/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00176	TPSK-LSPA1-T-PE-00431											
					Return Date	14/11/2018	16/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1020	PROCESS EQUIPMENT DATA SHEET - 10-E-1020 - LIQUID FEED HEATER	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	22/10/2018	07/12/2018	18/01/2019	06/03/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00206	TPSK-LSPA1-T-PE-00431	TPSK-LSPA1-T-PE-00680	TPSK-LSPA1-T-PE-00999									
					Return Date	30/11/2018	16/01/2019	21/02/2019										
					Owner Cmmt*	R1	R2	R1										
	PE	OL1-2G30-1051	PROCESS EQUIPMENT DATA SHEET - 10-E-1050 - C2 FEED SUPERHEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	22/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00206	TPSK-LSPA1-T-PE-00436											
					Return Date	30/11/2018	16/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1101	PROCESS DATA SHEETS YIELDS FOR 36M FURNACE	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	15/08/2018	15/08/2018											
					Revised Plan	15/08/2018	15/08/2018											
					Issue Actual	22/10/2018	26/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00204	TPSK-LSPA1-T-PE-00360											
					Return Date	30/11/2018	27/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-1102	AOCS PDS (36M FURNACE)	Class 2	Purpose**	IFR	IFI	IFD	IFF									
					Rev.		0	1										
					Issue Plan	09/01/2019		06/03/2019	30/09/2019									
					Revised Plan	24/10/2018	24/10/2018	16/01/2019	16/01/2019									
					Issue Actual		24/10/2018	02/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00224	TPSK-LSPA1-T-PE-01232										
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G30-1105	API FIRED HEATER DATA SHEET (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	09/01/2019	06/03/2019	30/09/2019										
					Revised Plan	06/02/2019	11/04/2019	30/09/2019										
					Issue Actual	06/02/2019	11/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00814	TPSK-LSPA1-T-PE-01322											
					Return Date		15/05/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-1106	BURNERS PDS (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	30/10/2018	16/01/2019	16/01/2019										
					Revised Plan	30/10/2018	29/01/2019	29/01/2019										
					Issue Actual	30/10/2018	29/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00241	TPSK-LSPA1-T-PE-00756											
					Return Date	27/11/2018	26/02/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-1107	STEAM DRUM PDS (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	11/10/2018	03/12/2018											
					Revised Plan	11/10/2018	11/12/2018											
					Issue Actual	11/10/2018	12/12/2018	26/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00159	TPSK-LSPA1-T-PE-00478	TPSK-LSPA1-T-PE-00935										
					Return Date	05/11/2018	11/02/2019	15/03/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-1108	USX QUENCH EXCHANGERS PDS (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	19/09/2018	10/12/2018	10/12/2018										
					Revised Plan	19/09/2018	10/12/2018	16/01/2019										
					Issue Actual	29/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00237	TPSK-LSPA1-T-PE-00432											
					Return Date	30/11/2018	11/02/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1109	TLX 1 QUENCH EXCHANGER PDS (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFF									
					Rev.	A	B	C										
					Issue Plan	19/09/2018	10/12/2018		10/12/2018									
					Revised Plan	19/09/2018	10/12/2018		16/01/2019									
					Issue Actual	29/10/2018	10/12/2018	15/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00237	TPSK-LSPA1-T-PE-00459	TPSK-LSPA1-T-PE-01078										
					Return Date	30/11/2018	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-1110	TLX 2 QUENCH EXCHANGER PDS (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFF									
					Rev.	A	B	C										
					Issue Plan	19/09/2018	10/12/2018		10/12/2018									
					Revised Plan	19/09/2018	10/12/2018		16/01/2019									
					Issue Actual	29/10/2018	10/12/2018	15/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00237	TPSK-LSPA1-T-PE-00459	TPSK-LSPA1-T-PE-01078										
					Return Date	30/11/2018	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-1111	ID FAN DATA SHEET (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFD	IFF								
					Rev.		B	C	D									
					Issue Plan	26/09/2018	17/11/2018			17/11/2018								
					Revised Plan	26/09/2018	16/01/2019			16/01/2019								
					Issue Actual		24/10/2018	15/03/2019	04/06/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00222	TPSK-LSPA1-T-PE-01079	TPSK-LSPA1-T-PE-01797									
					Return Date		30/11/2018	10/04/2019										
					Owner Cmmt*		R1	R1										
	PE	OL1-2G30-1112	ATTEMPERATOR DATA SHEET (36M FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	16/11/2018	13/03/2019	13/03/2019										
					Revised Plan	16/11/2018	29/01/2019	29/01/2019										
					Issue Actual	16/11/2018	29/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00330	TPSK-LSPA1-T-PE-00752											
					Return Date	13/12/2018	21/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-1151	USC 36M EFFLUENT MOV - DATA SHEET	Class 2	Purpose**	IFR	IFF											
					Rev.	A												
					Issue Plan	20/12/2018	05/03/2019											
					Revised Plan	20/12/2018	18/03/2019											
					Issue Actual	20/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00521												
					Return Date	28/01/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G30-1152	USC 36M DECOKE MOV - DATA SHEET	Class 2	Purpose**	IFR	IFF											
					Rev.	A												
					Issue Plan	20/12/2018	05/03/2019											
					Revised Plan	20/12/2018	16/04/2019											
					Issue Actual	20/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00521												
					Return Date	28/01/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G30-1153	Process Equipment Datasheet 10-MOV-1102B USC 36M Decoke Effluent Bypass MOV	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	20/12/2018	29/03/2019											
					Issue Actual	20/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00521	TPSK-LSPA1-T-PE-01195											
					Return Date	28/01/2019	22/04/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-1201	PROCESS DATA SHEETS YIELDS FOR 132 U FURNACE	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	15/08/2018	15/08/2018											
					Revised Plan	15/08/2018	15/08/2018											
					Issue Actual	22/10/2018	27/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00204	TPSK-LSPA1-T-PE-00372											
					Return Date	30/11/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1202	AOCS PDS (132SU FURNACE)	Class 2	Purpose**	IFR	IFI	IFD	IFF									
					Rev.		0	1										
					Issue Plan	09/01/2019		06/03/2019	30/09/2019									
					Revised Plan	24/10/2018	24/10/2018	16/01/2019	16/01/2019									
					Issue Actual		24/10/2018	02/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00224	TPSK-LSPA1-T-PE-01232										
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G30-1205	Process Equipment Datasheet - 10-H-1200/1600 - API Fired Heater Process Datasheet	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	09/01/2019	06/03/2019	30/09/2019										
					Revised Plan	18/03/2019	16/04/2019	30/09/2019										
					Issue Actual	06/02/2019	11/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00814	TPSK-LSPA1-T-PE-01322											
					Return Date		15/05/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-1206	BURNERS PDS (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	30/10/2018	16/01/2019	16/01/2019										
					Revised Plan	30/10/2018	29/01/2019	29/01/2019										
					Issue Actual	30/10/2018	29/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00241	TPSK-LSPA1-T-PE-00756											
					Return Date	27/12/2018	26/02/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-1207	STEAM DRUM PDS (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFF									
					Rev.	A	B	C										
					Issue Plan	11/10/2018	03/12/2018		03/12/2018									
					Revised Plan	11/10/2018	11/12/2018		16/01/2019									
					Issue Actual	11/10/2018	12/12/2018	26/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00159	TPSK-LSPA1-T-PE-00478	TPSK-LSPA1-T-PE-00935										
					Return Date	05/11/2018	11/02/2019	15/03/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-1208	SLE QUENCH EXCHANGERS PDS (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	19/09/2018	10/12/2018	10/12/2018										
					Revised Plan	19/09/2018	10/12/2018	16/01/2019										
					Issue Actual	29/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00237	TPSK-LSPA1-T-PE-00433											
					Return Date	30/11/2018	11/02/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1209	TLX QUENCH EXCHANGER PDS (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFF									
					Rev.	A	B	C										
					Issue Plan	19/09/2018	10/12/2018		10/12/2018									
					Revised Plan	19/09/2018	10/12/2018		16/01/2019									
					Issue Actual	29/10/2018	10/12/2018	15/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00237	TPSK-LSPA1-T-PE-00449	TPSK-LSPA1-T-PE-01078										
					Return Date	30/11/2018	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-1211	ID FAN DATA SHEET (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFD	IFF								
					Rev.		B	C	D									
					Issue Plan	26/09/2018	17/11/2018			17/11/2018								
					Revised Plan	26/09/2018	16/01/2019			16/01/2019								
					Issue Actual		24/10/2018	15/03/2019	04/06/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00222	TPSK-LSPA1-T-PE-01079	TPSK-LSPA1-T-PE-01797									
					Return Date		30/11/2018	10/04/2019										
					Owner Cmmt*		R1	R1										
	PE	OL1-2G30-1212	ATTEMPERATOR DATA SHEET (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFD	IFF									
					Rev.	A	B	C										
					Issue Plan	16/11/2018	13/03/2019		13/03/2019									
					Revised Plan	16/11/2018	29/01/2019		29/01/2019									
					Issue Actual	16/11/2018	29/01/2019	01/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00330	TPSK-LSPA1-T-PE-00752	TPSK-LSPA1-T-PE-01220										
					Return Date	13/12/2018	21/03/2019											
					Owner Cmmt*	R1	R2											
	PE	OL1-2G30-1213	MIXING TEE PDS (132SU FURNACE)	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.	A	B											
					Issue Plan	07/12/2018	09/01/2019	09/01/2019										
					Revised Plan	07/12/2018	26/02/2019	26/02/2019										
					Issue Actual	07/12/2018	26/02/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-PE-00434	TPSK-LSPA1-T-PE-00936											
					Return Date		15/03/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-1251	USC 132SU EFFLUENT MOV - DATA SHEET	Class 2	Purpose**	IFR	IFF											
					Rev.	A												
					Issue Plan	20/12/2018	05/03/2019											
					Revised Plan	20/12/2018	16/04/2019											
					Issue Actual	20/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00521												
					Return Date	28/01/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-1252	USC 132SU DECOKE MOV - DATA SHEET	Class 2	Purpose**	IFR	IFF											
					Rev.	A												
					Issue Plan	20/12/2018	05/03/2019											
					Revised Plan	20/12/2018	16/04/2019											
					Issue Actual	20/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00521												
					Return Date	28/01/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-1253	Process Equipment Datasheet 10-MOV-1202B USC 132U Decoke Effluent Bypass MOV	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	20/12/2018	29/03/2019											
					Issue Actual	20/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00521	TPSK-LSPA1-T-PE-01195											
					Return Date	28/01/2019	22/04/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1911	Process Equipment Datasheet - 10-D-1910 - DMDS Bulk Storage Drum	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	18/02/2019	19/03/2019											
					Issue Actual	22/01/2019	19/03/2019	08/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00686	TPSK-LSPA1-T-PE-01096	TPSK-LSPA1-T-PE--01280										
					Return Date	21/02/2019	10/04/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1912	Process Equipment Datasheet - 10-D-1912 - DMDS Injection Drum	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	18/02/2019	19/03/2019											
					Issue Actual	22/01/2019	19/03/2019	08/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00686	TPSK-LSPA1-T-PE-01096	TPSK-LSPA1-T-PE-01280										
					Return Date	21/02/2019	10/04/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1913	Process Equipment Datasheet - 10-P-1910 A-B - DMDS Feed Injection Pump	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	18/02/2019	01/03/2019											
					Issue Actual	22/01/2019	01/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE--00687	TPSK-LSPA1-T-PE-00963											
					Return Date	21/02/2019	21/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-1914	Process Equipment Datasheet - 10-P-1912 - DMDS Presulfiding Injection Pump	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	18/02/2019	01/03/2019											
					Issue Actual	22/01/2019	01/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE--00687	TPSK-LSPA1-T-PE-00963											
					Return Date	21/02/2019	21/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-1950	PROCESS EQUIPMENT DATA SHEET - 10-PK-1950 - DECOKE AIR COMPRESSOR PACKAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	07/12/2018		02/01/2019										
					Revised Plan	22/08/2018	29/08/2018	28/09/2018										
					Issue Actual		29/08/2018	28/09/2018	30/10/2018									
					Transmittal no.		TPSK-LSPA1-T-PE-00031	TPSK-LSPA1-T-PE-00114	TPSK-LSPA1-T-PE-00242									
					Return Date		28/09/2018	24/10/2018	30/11/2018									
					Owner Cmmt*		A3	R2	A1									
	PE	OL1-2G30-2000	PROCESS EQUIPMENT DATA SHEET - 10-T-2000 - QUENCH OIL TOWER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	29/10/2018	13/12/2018											
					Issue Actual	12/10/2018	04/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00162	TPSK-LSPA1-T-PE-00402											
					Return Date	05/11/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2006	PROCESS EQUIPMENT DATA SHEET - 10-P-2006 - QUENCH OIL PUMP	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	11/03/2019		01/04/2019										
					Revised Plan	21/09/2018	20/09/2018	22/10/2018										
					Issue Actual		20/09/2018	22/10/2018	26/03/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00071	TPSK-LSPA1-T-PE-00202	TPSK-LSPA1-T-PE-01159									
					Return Date		09/10/2018	30/11/2018	12/04/2019									
					Owner Cmmt*		A3	A1	R1									
	PE	OL1-2G30-2010	PROCESS EQUIPMENT DATA SHEET - 10-F-2008 - QUENCH OIL FILTER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	21/11/2018	07/01/2019											
					Issue Actual	21/11/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00606											
					Return Date	27/12/2018	04/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2014	PROCESS EQUIPMENT DATA SHEET - 10-F-2009 - QO PUMP PURGE OIL FILTER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	21/11/2018	07/01/2019											
					Issue Actual	21/11/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00606											
					Return Date	27/12/2018	04/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2015	PROCESS EQUIPMENT DATA SHEET - 10-E-2008 - VLP STEAM GENERATORS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	09/11/2018	11/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00305	TPSK-LSPA1-T-PE-00632											
					Return Date	13/12/2018	11/02/2019											
					Owner Cmmt*	R2	R1											

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LONG SON PETROCHEMICALS

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Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
	PE	OL1-2G30-2020	PROCESS EQUIPMENT DATA SHEET - 10-T-2020 - LIGHT FUEL OIL STRIPPER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	21/01/2019	25/02/2019												
					Revised Plan	31/10/2018	17/12/2018												
					Issue Actual	29/10/2018	07/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00238	TPSK-LSPA1-T-PE-00437												
					Return Date	04/12/2018	16/01/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2024	PROCESS EQUIPMENT DATA SHEET - 10-P-2026 - LIGHT FUEL OIL PUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	17/12/2018	16/01/2019												
					Issue Actual	07/11/2018	14/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00648												
					Return Date	27/12/2018	28/01/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2025	PROCESS EQUIPMENT DATA SHEET - 10-F-2026 - CRACKER BOTTOMS PRODUCT FILTER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	07/12/2018	02/01/2019												
					Revised Plan	21/11/2018	18/01/2019												
					Issue Actual	21/11/2018	18/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00676												
					Return Date	27/12/2018	11/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2026	PROCESS EQUIPMENT DATA SHEET - 10-E-2026 - FUEL OIL PRODUCT COOLER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	03/01/2019	18/01/2019												
					Issue Actual	09/11/2018	18/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00298	TPSK-LSPA1-T-PE-00680												
					Return Date	17/12/2018	21/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2028	PROCESS EQUIPMENT DATA SHEET - 10-F-2028 - FO PUMP PURGE OIL FILTER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	07/12/2018	02/01/2019												
					Revised Plan	21/11/2018	18/01/2019												
					Issue Actual	21/11/2018	18/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00676												
					Return Date	27/12/2018	11/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2036	PROCESS EQUIPMENT DATA SHEET - 10-X-2036 - QUENCH FITTING	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	11/03/2019												
					Revised Plan	16/01/2019	16/01/2019												
					Issue Actual	20/11/2018	07/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00338	TPSK-LSPA1-T-PE-00604												
					Return Date	27/12/2018	04/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2040	PROCESS EQUIPMENT DATA SHEET - 10-T-2040 - HEAVY FUEL OIL STRIPPER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	21/01/2019	25/02/2019												
					Revised Plan	29/10/2018	13/12/2018												
					Issue Actual	12/10/2018	21/11/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00162	TPSK-LSPA1-T-PE-00347												
					Return Date	05/11/2018	14/01/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2046	PROCESS EQUIPMENT DATA SHEET - 10-P-2046 - HEAVY FUEL OIL PUMP	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	17/12/2018	16/01/2019												
					Issue Actual	07/11/2018	14/01/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00648	TPSK-LPSA1-T-PE-01402											
					Return Date	27/12/2018	28/01/2019	04/06/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-2048	PROCESS EQUIPMENT DATA SHEET - 10-E-2048 - HEAVY FUEL OIL PRODUCT COOLER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	03/01/2019	18/01/2019												
					Issue Actual	09/11/2018	18/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00298	TPSK-LSPA1-T-PE-00680												
					Return Date	17/12/2018	21/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2049	PROCESS EQUIPMENT DATA SHEET - 10-F-2048 - HEAVY FUEL OIL FILTERS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	07/12/2018	02/01/2019												
					Revised Plan	21/11/2018	18/01/2019												
					Issue Actual	21/11/2018	18/01/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00676	TPSK-LSPA1-T-PE-01401											
					Return Date	27/12/2018	11/02/2019	04/06/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-2070	Process Data Sheet For General Purpose Steam Turbines - API 611-4TH - PT-2006 A Quench Oil Pump Turbi	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01875													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G30-2090	PROCESS EQUIPMENT DATA SHEET - 10-D-2090 - QUENCH OIL DRAIN DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	01/03/2019												
					Issue Actual	27/11/2018	01/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00368	TPSK-LSPA1-T-PE-00964												
					Return Date	25/02/2019	21/03/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2091	PROCESS EQUIPMENT DATA SHEET - 10-P-2090 - QUENCH OIL DRAIN DRUM PUMPS	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	17/12/2018	01/03/2019												
					Issue Actual	27/11/2018	01/03/2019	26/03/2019	04/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00371	TPSK-LSPA1-T-PE-00963	TPSK-LSPA1-T-PE-01159	TPSK-LSPA1-T-PE-01255										
					Return Date	25/02/2019	21/03/2019	12/04/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-2092	PROCESS EQUIPMENT DATA SHEET - 10-EJ-2090 - QUENCH OIL DRAIN SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD												
					Rev.		A												
					Issue Plan	18/02/2019	11/03/2019												

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification					
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual		07/01/2019		
					Transmittal no.		TPSK-LSPA1-T-PE-00595		
					Return Date		28/01/2019		
					Owner Cmmt*		R1		
	PE	OL1-2G30-2100	PROCESS EQUIPMENT DATA SHEET - 10-T-2100 - QUENCH WATER TOWER	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	21/01/2019	25/02/2019		
					Revised Plan	29/10/2018	13/12/2018		
					Issue Actual	29/10/2018	07/12/2018	28/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00238	TPSK-LSPA1-T-PE-00437	TPSK-LSPA1-T-PE-01184	
					Return Date	04/12/2018	16/01/2019	22/04/2019	
					Owner Cmmt*	R2	R1	R1	
	PE	OL1-2G30-2101	PROCESS EQUIPMENT DATA SHEET - 10-E-2100 - QUENCH WATER COOLER	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	13/09/2018	10/09/2018	05/11/2018	
					Issue Actual		10/09/2018	08/10/2018	04/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00143	TPSK-LSPA1-T-PE-01261
					Return Date		02/10/2018		
					Owner Cmmt*		A1		
	PE	OL1-2G30-2104	PROCESS EQUIPMENT DATA SHEET - 10-F-2105 - QUENCH OIL REFLUX FILTER	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	07/12/2018	02/01/2019		
					Revised Plan	21/11/2018	07/01/2019		
					Issue Actual	21/11/2018	07/01/2019	15/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00606	TPSK-LSPA1-T-PE-01072	
					Return Date	27/12/2018	04/02/2019	10/04/2019	
					Owner Cmmt*	R1	R1	R1	
	PE	OL1-2G30-2105	PROCESS EQUIPMENT DATA SHEET - 10-P-2105 - QUENCH OIL REFLUX PUMP	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	16/01/2019		
					Issue Actual	07/11/2018	07/01/2019	26/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00603	TPSK-LSPA1-T-PE-01159	
					Return Date	27/12/2018	04/02/2019	12/04/2019	
					Owner Cmmt*	R1	R1	R1	
	PE	OL1-2G30-2106	PROCESS EQUIPMENT DATA SHEET - 10-P-2106 - QUENCH WATER PUMP	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	11/03/2019		01/04/2019	
					Revised Plan	21/09/2018	20/09/2018	22/10/2018	
					Issue Actual		20/09/2018	22/10/2018	26/03/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00070	TPSK-LSPA1-T-PE-00202	TPSK-LSPA1-T-PE-01159
					Return Date		09/10/2018	30/11/2018	12/04/2019
					Owner Cmmt*		A1	A1	R1
	PE	OL1-2G30-2110	PROCESS EQUIPMENT DATA SHEET - 10-D-2110 - INTERCEPTION DRUM	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	18/01/2019		
					Issue Actual	10/12/2018	18/01/2019	01/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00453	TPSK-LSPA1-T-PE-00678	TPSK-LSPA1-T-PE-00964	
					Return Date	16/01/2019	21/02/2019	21/03/2019	
					Owner Cmmt*	R2	R2	R1	
	PE	OL1-2G30-2120	PROCESS EQUIPMENT DATA SHEET - 10-T-2120 - DISTILLTATE STRIPPER	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	21/01/2019	25/02/2019		
					Revised Plan	31/10/2018	17/12/2018		
					Issue Actual	31/10/2018	29/11/2018	07/12/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00253	TPSK-LSPA1-T-PE-00401	TPSK-LSPA1-T-PE-00437	
					Return Date	04/12/2018	14/01/2019	16/01/2019	
					Owner Cmmt*	R2	R1	R1	
	PE	OL1-2G30-2125	PROCESS EQUIPMENT DATA SHEET - 10-E-2125 - DISTILLATE STRIPPER REBOILER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	01/11/2018	13/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00265	TPSK-LSPA1-T-PE-00492		
					Return Date	10/12/2018	22/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2126	PROCESS EQUIPMENT DATA SHEET - 10-P-2126 - DISTILLATE STRIPPER BOTTOMS PUMP	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	01/03/2019		
					Issue Actual	27/11/2018	01/03/2019	16/04/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00371	TPSK-LSPA1-T-PE-00963	TPSK-LSPA1-T-PE-01383	
					Return Date	25/02/2019	21/03/2019	24/05/2019	
					Owner Cmmt*	R2	R1	R1	
	PE	OL1-2G30-2136	PROCESS EQUIPMENT DATA SHEET - 10-D-2136 - PROCESS WATER FEED COALESCER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	18/01/2019		
					Issue Actual	10/12/2018	18/01/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00453	TPSK-LSPA1-T-PE-00678		
					Return Date	16/01/2019	21/02/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2137	PROCESS EQUIPMENT DATA SHEET - 10-E-2136 - PROCESS WATER STRIPPER FEED HEATER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	18/10/2018	10/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00194	TPSK-LSPA1-T-PE-00467		
					Return Date	26/11/2018	22/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2138	PROCESS EQUIPMENT DATA SHEET - 10-F-2136 - PROCESS WATER FEED FILTER	Class 1	Purpose**	IFR	IFD	IFD	IFD
					Rev.	A	B	C	D
					Issue Plan	07/12/2018	02/01/2019		
					Revised Plan	21/11/2018	07/01/2019		
					Issue Actual	21/11/2018	07/01/2019	15/03/2019	17/04/2019
					Transmittal no.	TPSK-LSPA1-T-PE-00350	TPSK-LSPA1-T-PE-00606	TPSK-LSPA1-T-PE-01072	TPSK-LSPA1-T-PE-01401
					Return Date	27/12/2018	04/02/2019	10/04/2019	04/06/2019
					Owner Cmmt*	R1	R1	R1	R1
	PE	OL1-2G30-2139	Process Equipment Datasheet - 10-F-2137 A-B - Process Water Coalescer Prefilters	Class 2	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan				
					Revised Plan	17/04/2019	04/06/2019		
					Issue Actual	17/04/2019	04/06/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-01401	TPSK-LSPA1-T-PE-01804		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date	04/06/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G30-2140	PROCESS EQUIPMENT DATA SHEET - 10-T-2140 - PROCESS WATER STRIPPER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	31/10/2018	17/12/2018											
					Issue Actual	17/10/2018	29/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00189	TPSK-LSPA1-T-PE-00401											
					Return Date	26/11/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2145	PROCESS EQUIPMENT DATA SHEET - 10-E-2145 - PROCESS WATER STRIPPER REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	18/10/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00194	TPSK-LSPA1-T-PE-00605											
					Return Date	27/12/2018	04/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2146	PROCESS EQUIPMENT DATA SHEET - 10-P-2146 - DSG FEED PUMP	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	11/03/2019		01/04/2019										
					Revised Plan	21/09/2018	20/09/2018	22/10/2018										
					Issue Actual		20/09/2018	22/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00069	TPSK-LSPA1-T-PE-00202										
					Return Date		09/10/2018	30/11/2018										
					Owner Cmmt*		A3	A1										
	PE	OL1-2G30-2147	PROCESS EQUIPMENT DATA SHEET - 10-E-2146 - DSG FEED HEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	18/10/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00194	TPSK-LSPA1-T-PE-00605											
					Return Date	27/12/2018	04/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2160	PROCESS EQUIPMENT DATA SHEET - 10-D-2160 - DILUTION STEAM GENERATOR	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		25/03/2019										
					Revised Plan	19/11/2018	28/09/2018	10/01/2019										
					Issue Actual		28/09/2018	10/01/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00115	TPSK-LSPA1-T-PE-00620										
					Return Date		05/11/2018	11/02/2019										
					Owner Cmmt*		A3	R2										
	PE	OL1-2G30-2161	PROCESS EQUIPMENT DATA SHEET - 10-E-2160 - DILUTION STEAM SUPERHEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	18/10/2018	10/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00194	TPSK-LSPA1-T-PE-00467											
					Return Date	26/11/2018	22/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2165	PROCESS EQUIPMENT DATA SHEET - 10-E-2165 - DSG REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	18/10/2018	10/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00194	TPSK-LSPA1-T-PE-00467											
					Return Date	26/11/2018	22/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2166	PROCESS EQUIPMENT DATA SHEET - 10-E-2166 - DSG BLOWDOWN COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	23/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00209	TPSK-LSPA1-T-PE-00431											
					Return Date	30/11/2018	16/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2170	Process Data Sheet For General Purpose Steam Turbines - API 611-4TH - PT-2106 A Quench Water Pump Tu	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01875												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G30-2171	Process Data Sheet For General Purpose Steam Turbines - API 611-4TH - PT-2146 A DSG Feed Pump Turbine	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01875												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G30-2190	PROCESS EQUIPMENT DATA SHEET - 10-D-2190 - QUENCH WATER DRAIN DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	01/03/2019											
					Issue Actual	27/11/2018	01/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00368	TPSK-LSPA1-T-PE-00964											
					Return Date	25/02/2019	21/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2191	PROCESS EQUIPMENT DATA SHEET - 10-P-2190 - QUENCH WATER DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	21/11/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00346	TPSK-LSPA1-T-PE-00603											
					Return Date	27/12/2018	04/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2192	PROCESS EQUIPMENT DATA SHEET - 10-EJ-2190 - QUENCH WATER DRAING SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD											
					Rev.		A											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual		07/01/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00595											
					Return Date		28/01/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-2200	PROCESS EQUIPMENT DATA SHEET - 10-C-2200 - CRACKED GAS COMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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IFI = Issue For Information								IMP = Issue for Implementation					A4 = Not App., re-submit for approval					
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IFD = Issue For Design								CAN = Issue for Cancellation										

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification					
					Rev.		A	B	
					Issue Plan	07/12/2018		02/01/2019	
					Revised Plan	22/08/2018	22/08/2018	28/09/2018	
					Issue Actual		22/08/2018	17/09/2018	
					Transmittal no.		TPSK-LSPA1-T-PE-00025	TPSK-LSPA1-T-PE-00055	
					Return Date		11/09/2018		
					Owner Cmmt*		A3		
	PE	OL1-2G30-2206	PROCESS EQUIPMENT DATA SHEET - 10-E-2206 - WASH WATER COOLER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	28/11/2018	16/01/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00381	TPSK-LSPA1-T-PE-00655		
					Return Date	14/01/2019	11/02/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2210	PROCESS EQUIPMENT DATA SHEET - 10-D-2210 - CG 1ST STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	19/11/2018	10/12/2018		
					Issue Actual	09/10/2018	10/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00448		
					Return Date	05/11/2018	16/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2211	PROCESS EQUIPMENT DATA SHEET - 10-E-2210 - CG 1ST STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	01/11/2018	13/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00266	TPSK-LSPA1-T-PE-00479		
					Return Date	10/12/2018	22/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2212	PROCESS EQUIPMENT DATA SHEET - 10-P-2210 - CG 1ST STAGE CONDENSATE PUMP	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	16/01/2019		
					Issue Actual	07/11/2018	07/01/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00593		
					Return Date	27/12/2018	28/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2220	PROCESS EQUIPMENT DATA SHEET - 10-D-2220 - CG 2ND STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	19/11/2018	10/12/2018		
					Issue Actual	09/10/2018	10/12/2018	18/01/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00448	TPSK-LSPA1-T-PE-00678	
					Return Date	05/11/2018	16/01/2019	21/02/2019	
					Owner Cmmt*	R2	R2	R1	
	PE	OL1-2G30-2221	PROCESS EQUIPMENT DATA SHEET - 10-E-2220 - CG 2ND STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	22/10/2018	07/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00206	TPSK-LSPA1-T-PE-00431		
					Return Date	30/11/2018	16/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2222	PROCESS EQUIPMENT DATA SHEET - 10-P-2220 - CG 2ND STAGE CONDENSED HC PUMP	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	16/01/2019		
					Issue Actual	07/11/2018	07/01/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00593		
					Return Date	27/12/2018	28/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2230	PROCESS EQUIPMENT DATA SHEET - 10-D-2230 - CG 3RD STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	19/11/2018	10/12/2018		
					Issue Actual	09/10/2018	10/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00448		
					Return Date	05/11/2018	16/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2231	PROCESS EQUIPMENT DATA SHEET - 10-E-2230 - CG 3RD STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	22/10/2018	07/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00206	TPSK-LSPA1-T-PE-00431		
					Return Date	30/11/2018	16/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2240	PROCESS EQUIPMENT DATA SHEET - 10-D-2240 - CG 4TH STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	19/11/2018	10/12/2018		
					Issue Actual	15/10/2018	10/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00175	TPSK-LSPA1-T-PE-00448		
					Return Date	14/11/2018	16/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2241	PROCESS EQUIPMENT DATA SHEET - 10-E-2240 - CG 4TH STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	22/10/2018	07/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00206	TPSK-LSPA1-T-PE-00436		
					Return Date	30/11/2018	16/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2245	PROCESS EQUIPMENT DATA SHEET - 10-D-2245 - CG 4TH STAGE DISCHARGE DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	01/11/2018	13/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00264	TPSK-LSPA1-T-PE-00480		
					Return Date	10/12/2018	22/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2300	PROCESS EQUIPMENT DATA SHEET - 10-T-2300 - CAUSTIC TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	21/01/2019		25/02/2019	
					Revised Plan	29/10/2018	18/09/2018	13/12/2018	

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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CAN = Issue for Cancellation

***Owner Feedback (Comment)**

A1 = App. w/o comments
A2 = App. with comments, re-submit not required
A3 = App. with comments, re-submit for review
A4 = Not App., re-submit for approval
R1 = No comments
R2 = Comments as noted

*****Classification**

Class 1 = For Approval
Class 2 = For Review
Class 3 = For Information

Period for Company's comment / Working Days

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification														
					Issue Actual		18/09/2018	08/11/2018	07/01/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00060	TPSK-LSPA1-T-PE-00290	TPSK-LSPA1-T-PE-00597									
					Return Date		24/10/2018	27/12/2018	28/01/2019									
					Owner Cmmt*		A3	R2	A1									
	PE	OL1-2G30-2301	PROCESS EQUIPMENT DATA SHEET - 10-X-2300 - CAUSTIC DILUENT MIXER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	15/10/2018	28/11/2018	07/01/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00173	TPSK-LSPA1-T-PE-00383	TPSK-LSPA1-T-PE-00600										
					Return Date	14/11/2018	14/01/2019	04/02/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2302	PROCESS EQUIPMENT DATA SHEET - 10-P-2302 - STRONG CAUSTIC CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	15/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00174	TPSK-LSPA1-T-PE-00524											
					Return Date	14/11/2018	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2304	PROCESS EQUIPMENT DATA SHEET - 10-P-2304 - INTERMEDIATE CAUSTIC CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	15/10/2018	28/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00174	TPSK-LSPA1-T-PE-00382											
					Return Date	14/11/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2305	PROCESS EQUIPMENT DATA SHEET - 10-E-2305 - CAUSTIC TOWER FEED HEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	31/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00259	TPSK-LSPA1-T-PE-00523											
					Return Date	10/12/2018	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2306	PROCESS EQUIPMENT DATA SHEET - 10-P-2306 - WEAK CAUSTIC CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	15/10/2018	28/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00174	TPSK-LSPA1-T-PE-00382											
					Return Date	14/11/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2307	PROCESS EQUIPMENT DATA SHEET - 10-F-2306 - WEAK CAUSTIC STRAINER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	21/11/2018	13/12/2018											
					Issue Actual	22/10/2018	13/12/2018	30/01/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00205	TPSK-LSPA1-T-PE-00493	TPSK-LSPA1-T-PE-00775										
					Return Date	30/11/2018	22/01/2019	28/02/2019										
					Owner Cmmt*	R1	R2	R1										
	PE	OL1-2G30-2308	PROCESS EQUIPMENT DATA SHEET - 10-X-2306 - WEAK CAUSTIC / WASH OIL MIXER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	15/10/2018	28/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00173	TPSK-LSPA1-T-PE-00383											
					Return Date	14/11/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2309	PROCESS EQUIPMENT DATA SHEET - 10-D-2305 - YELLOW OIL DRUM	Class 1	Purpose**	IFR	IFA	IFD	IFD	IFD								
					Rev.		A	B	C	D								
					Issue Plan	18/02/2019		25/03/2019										
					Revised Plan	16/01/2019	27/09/2018	16/01/2019										
					Issue Actual		27/09/2018	11/01/2019	04/04/2019	16/04/2019								
					Transmittal no.		TPSK-LSPA1-T-PE-00102	TPSK-LSPA1-T-PE-00634	TPSK-LSPA1-T-PE-01260	TPSK-LSPA1-T-PE-01377								
					Return Date		14/11/2018	11/02/2019		24/05/2019								
					Owner Cmmt*		A3	R1		R1								
	PE	OL1-2G30-2310	PROCESS EQUIPMENT DATA SHEET - 10-D-2310 - SPENT CAUSTIC DEOILING DRUM	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	31/10/2018	07/01/2019	02/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00254	TPSK-LSPA1-T-PE-00599	TPSK-LSPA1-T-PE-02043										
					Return Date	27/12/2018	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2311	PROCESS EQUIPMENT DATA SHEET - 10-P-2310 - WASH OIL CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	15/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00174	TPSK-LSPA1-T-PE-00524											
					Return Date	14/11/2018	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2313	PROCESS EQUIPMENT DATA SHEET - 10-X-2312 - SPENT WASH OIL MIXER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	15/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00173	TPSK-LSPA1-T-PE-00525											
					Return Date	14/11/2018	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2314	PROCESS EQUIPMENT DATA SHEET - 10-F-2310 - WASH OIL CIRCULATION FILTER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	21/11/2018	13/12/2018											
					Issue Actual	22/10/2018	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00205	TPSK-LSPA1-T-PE-00493											
					Return Date	30/11/2018	22/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2315	PROCESS EQUIPMENT DATA SHEET - 10-X-2310 - SPENT CAUSTIC MIXER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	15/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00173	TPSK-LSPA1-T-PE-00525											
					Return Date	14/11/2018	28/01/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2316	PROCESS EQUIPMENT DATA SHEET - 10-D-2316 - SPENT CAUSTIC DEGASSING DRUM	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	16/01/2019												
					Issue Actual	15/10/2018	11/01/2019	16/04/2019	30/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00175	TPSK-LSPA1-T-PE-00634	TPSK-LSPA1-T-PE-01377	TPSK-LSPA1-T-PE-01785										
					Return Date	26/11/2018	11/02/2019	24/05/2019											
					Owner Cmmt*	R2	R1	R2											
	PE	OL1-2G30-2319	PROCESS EQUIPMENT DATA SHEET - 10-F-2320 - SPENT CAUSTIC PUMP DISCHARGE FILTER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	07/12/2018	02/01/2019												
					Revised Plan	21/11/2018	13/12/2018												
					Issue Actual	31/10/2018	13/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00255	TPSK-LSPA1-T-PE-00493												
					Return Date	10/12/2018	22/01/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2320	PROCESS EQUIPMENT DATA SHEET - 10-TK-2320 - SPENT CAUSTIC STORAGE TANK	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	18/02/2019		18/03/2019											
					Revised Plan	16/01/2019	20/09/2018	16/01/2019											
					Issue Actual		20/09/2018	22/10/2018											
					Transmittal no.		TPSK-LSPA1-T-PE-00068	TPSK-LSPA1-T-PE-00203											
					Return Date		09/10/2018	30/11/2018											
					Owner Cmmt*		A3	A1											
	PE	OL1-2G30-2321	PROCESS EQUIPMENT DATA SHEET - 10-P-2320 - SPENT CAUSTIC PUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	17/12/2018	16/01/2019												
					Issue Actual	31/10/2018	07/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00252	TPSK-LSPA1-T-PE-00598												
					Return Date	27/12/2018	28/01/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2322	PROCESS EQUIPMENT DATA SHEET - 10-D-2322 - SKIM OIL DRUM	Class 1	Purpose**	IFR	IFA	IFD	IFD	IFD									
					Rev.		A	B	C	D									
					Issue Plan	18/02/2019		25/03/2019											
					Revised Plan	16/01/2019	28/09/2018	25/03/2019											
					Issue Actual		28/09/2018	25/03/2019	16/04/2019	13/05/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00111	TPSK-LSPA1-T-PE-01142	TPSK-LSPA1-T-PE-01377	TPSK-LSPA1-T-PE-01652									
					Return Date		25/02/2019	22/04/2019	13/06/2019	03/06/2019									
					Owner Cmmt*		A1	TP	R1	R1									
	PE	OL1-2G30-2323	PROCESS EQUIPMENT DATA SHEET - 10-EJ-2322 - SKIM OIL SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD												
					Rev.		A												
					Issue Plan	18/02/2019	11/03/2019												
					Revised Plan	16/01/2019	16/01/2019												
					Issue Actual		07/01/2019												
					Transmittal no.		TPSK-LSPA1-T-PE-00595												
					Return Date		28/01/2019												
					Owner Cmmt*		R1												
	PE	OL1-2G30-2324	Process Equipment Datasheet - 10-TK-2300 - Fresh Caustic Day Tank	Class 2	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	13/12/2018	29/01/2019	26/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00495	TPSK-LSPA1-T-PE-00760	TPSK-LSPA1-T-PE-00937											
					Return Date	22/01/2019	25/02/2019	15/03/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-2325	Process Equipment Datasheet - 10-P-2300 A-B - 10 Percent Caustic Makeup Pump	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	20/12/2018	29/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00526	TPSK-LSPA1-T-PE-00759												
					Return Date	28/01/2019	25/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2326	PROCESS EQUIPMENT DATA SHEET - 10-E-2326 - SPENT CAUSTIC STRIPPER FEED HEATER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	03/01/2019	22/01/2019												
					Issue Actual	28/11/2018	22/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00381	TPSK-LSPA1-T-PE-00690												
					Return Date	14/01/2019	05/03/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2327	PROCESS EQUIPMENT DATA SHEET - 10-D-2326 - SPENT CAUSTIC STRIPPER FEED HTR COND POT	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	25/03/2019	29/04/2019												
					Issue Actual	25/03/2019	29/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01152	TPSK-LSPA1-T-PE-01517												
					Return Date	12/04/2019	03/06/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2330	PROCESS EQUIPMENT DATA SHEET - 10-T-2330 - SPENT CAUSTIC STRIPPER	Class 1	Purpose**	IFR	IFA	IFA	IFD	IFD									
					Rev.		A	B	C	D									
					Issue Plan	21/01/2019			25/02/2019										
					Revised Plan	31/10/2018	24/09/2018	11/10/2018	17/12/2018										
					Issue Actual		24/09/2018	11/10/2018	28/11/2018	05/06/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00073	TPSK-LSPA1-T-PE-00160	TPSK-LSPA1-T-PE-00384	TPSK-LSPA1-T-PE-01808									
					Return Date		12/10/2018	25/02/2019	27/12/2018										
					Owner Cmmt*		A3	A2	TP										
	PE	OL1-2G30-2331	PROCESS EQUIPMENT DATA SHEET - 10-D-2330 - SPENT CAUSTIC STRIPPER OVERHEAD DRUM	Class 1	Purpose**	IFR	IFD	IFD	IFD	IFD	IFD								
					Rev.	A	B	C	D	E	F								
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	16/01/2019												
					Issue Actual	15/10/2018	11/01/2019	11/04/2019	16/04/2019	20/05/2019	11/07/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00175	TPSK-LSPA1-T-PE-00634	TPSK-LSPA1-T-PE-01327	TPSK-LSPA1-T-PE-01377	TPSK-LSPA1-T-PE-01694	TPSK-LSPA1-T-PE-02125								
					Return Date	26/11/2018	11/02/2019	16/05/2019		13/06/2019									
					Owner Cmmt*	R2	R1	R2		R1									
	PE	OL1-2G30-2350	PROCESS EQUIPMENT DATA SHEET - 10-PK-2350 - WET AIR OXIDATION PACKAGE	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	11/03/2019												
					Revised Plan	20/10/2018	11/04/2019												
					Issue Actual	16/10/2018	11/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00180	TPSK-LSPA1-T-PE-01328												
					Return Date	04/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2389	PROCESS EQUIPMENT DATA SHEET - 10-EJ-2390 - CAUSTIC DRAIN SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD												
					Rev.		A												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual		07/01/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00595											
					Return Date		28/01/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-2390	PROCESS EQUIPMENT DATA SHEET - 10-D-2390 - CAUSTIC DRAIN DRUM	Class 1	Purpose**	IFR	IFA	IFD	IFD	IFD								
					Rev.		A	B	C	D								
					Issue Plan	18/02/2019		25/03/2019										
					Revised Plan	16/01/2019	27/09/2018	16/01/2019										
					Issue Actual		27/09/2018	27/11/2018	16/04/2019	13/05/2019								
					Transmittal no.		TPSK-LSPA1-T-PE-00102	TPSK-LSPA1-T-PE-00369	TPSK-LSPA1-T-PE-01377	TPSK-LSPA1-T-PE-01652								
					Return Date		14/11/2018	14/01/2019	13/06/2019	03/06/2019								
					Owner Cmmt*		A3	R1	R1	R1								
	PE	OL1-2G30-2391	PROCESS EQUIPMENT DATA SHEET - 10-P-2390 - CAUSTIC DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	22/01/2019											
					Issue Actual	07/12/2018	22/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00444	TPSK-LSPA1-T-PE-00695											
					Return Date	16/01/2019	05/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2392	PROCESS EQUIPMENT DATA SHEET - 10-D-2392 - SPENT CAUSTIC DRAIN DRUM	Class 1	Purpose**	IFR	IFA	IFD	IFD	IFD								
					Rev.		A	B	C	D								
					Issue Plan	18/02/2019		25/03/2019										
					Revised Plan	16/01/2019	27/09/2018	16/01/2019										
					Issue Actual		27/09/2018	27/11/2018	16/04/2019	13/05/2019								
					Transmittal no.		TPSK-LSPA1-T-PE-00102	TPSK-LSPA1-T-PE-00369	TPSK-LSPA1-T-PE-01377	TPSK-LSPA1-T-PE-01652								
					Return Date		14/11/2018	14/01/2019	13/06/2019	03/06/2019								
					Owner Cmmt*		A3	R1	R1	R1								
	PE	OL1-2G30-2393	PROCESS EQUIPMENT DATA SHEET - 10-P-2392 - SPENT CAUSTIC DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	31/10/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00252	TPSK-LSPA1-T-PE-00598											
					Return Date	27/12/2018	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2394	PROCESS EQUIPMENT DATA SHEET - 10-EJ-2392 - SPENT CAUSTIC DRAIN SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD											
					Rev.		A											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual		07/01/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00595											
					Return Date		28/01/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-2405	PROCESS EQUIPMENT DATA SHEET - 10-D-2405 - GAS DRYER FEED KO DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	14/11/2018	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00315	TPSK-LSPA1-T-PE-00480											
					Return Date	10/12/2018	27/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2406	PROCESS EQUIPMENT DATA SHEET - 10-E-2405 - GAS DRYER FEED CHILLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	30/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00239	TPSK-LSPA1-T-PE-00523											
					Return Date	14/11/2018	14/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2410	PROCESS EQUIPMENT DATA SHEET - 10-D-2410 - CRACKED GAS DRYER	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	13/12/2018	18/01/2019											
					Issue Actual	07/12/2018	18/01/2019	04/03/2019	10/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00439	TPSK-LSPA1-T-PE-00678	TPSK-LSPA1-T-PE-00980	TPSK-LSPA1-T-PE-01310									
					Return Date	27/12/2018	29/01/2019	13/03/2019	16/05/2019									
					Owner Cmmt*	R2	R1	R1	R1									
	PE	OL1-2G30-2411	PROCESS EQUIPMENT DATA SHEET - 10-D-2411 - CRACKED GAS MERCURY ADSORBER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	20/11/2018	08/01/2019	18/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00339	TPSK-LSPA1-T-PE-00610	TPSK-LSPA1-T-PE-01089										
					Return Date	13/12/2018	22/01/2019	02/04/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2412	PROCESS EQUIPMENT DATA SHEET - 10-E-2412 - HP DEPROPANIZER FEED CHILLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	30/10/2018	20/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00239	TPSK-LSPA1-T-PE-00523											
					Return Date	14/11/2018	14/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2413	PROCESS EQUIPMENT DATA SHEET - 10-E-2413 - HP DEPROP FEED / OVERHEAD EXCHANGER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	31/10/2018	29/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00250	TPSK-LSPA1-T-PE-00392											
					Return Date	20/11/2018	10/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2415	PROCESS EQUIPMENT DATA SHEET - 10-D-2415 - CG LIQUID DRYER FEED COALESCER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	20/11/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00339	TPSK-LSPA1-T-PE-00596											
					Return Date	13/12/2018	22/01/2019											
					Owner Cmmt*	R2	TP											
	PE	OL1-2G30-2416	PROCESS EQUIPMENT DATA SHEET - 10-P-2415 - CG LIQUID DRYER FEED PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	07/11/2018	07/01/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00593											
					Return Date	27/12/2018	22/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2420	PROCESS EQUIPMENT DATA SHEET - 10-D-2420 - CG LIQUID DRYER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	13/12/2018	08/01/2019											
					Issue Actual	09/11/2018	08/01/2019	18/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00301	TPSK-LSPA1-T-PE-00610	TPSK-LSPA1-T-PE-01089										
					Return Date	30/11/2018	22/01/2019	02/04/2019										
					Owner Cmmt*	R2	R1	CL										
	PE	OL1-2G30-2430	PROCESS EQUIPMENT DATA SHEET - 10-E-2430 - REGEN GAS FEED HEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	22/01/2019											
					Issue Actual	03/01/2019	22/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00574	TPSK-LSPA1-T-PE-00696											
					Return Date	22/01/2019	11/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2432	PROCESS EQUIPMENT DATA SHEET - 10-E-2432 - REGEN GAS SHP HEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	22/01/2019											
					Issue Actual	03/01/2019	22/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00574	TPSK-LSPA1-T-PE-00696											
					Return Date	22/01/2019	11/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2434	PROCESS EQUIPMENT DATA SHEET - 10-E-2435 - REGEN GAS EFFLUENT COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	22/01/2019											
					Issue Actual	03/01/2019	22/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00574	TPSK-LSPA1-T-PE-00696											
					Return Date	22/01/2019	11/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2435	PROCESS EQUIPMENT DATA SHEET - 10-D-2435 - REGEN GAS SEPARATOR	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	25/01/2019											
					Issue Actual	20/12/2018	25/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00559	TPSK-LSPA1-T-PE-00725											
					Return Date	22/01/2019	11/02/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2438	PROCESS EQUIPMENT DATA SHEET - 10-D-2440 - HP DEPROPANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	01/11/2018	07/12/2018											
					Issue Actual	01/11/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00264	TPSK-LSPA1-T-PE-00430											
					Return Date	27/11/2018	18/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2439	PROCESS EQUIPMENT DATA SHEET - 10-E-2440 - HP DEPROPANIZER CONDENSER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	31/10/2018	29/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00250	TPSK-LSPA1-T-PE-00392											
					Return Date	20/11/2018	10/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2440	PROCESS EQUIPMENT DATA SHEET - 10-T-2440 - HP DEPROPANIZER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	21/01/2019		25/02/2019										
					Revised Plan	29/10/2018	14/09/2018	13/12/2018										
					Issue Actual		14/09/2018	12/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00053	TPSK-LSPA1-T-PE-00167										
					Return Date		03/10/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2441	PROCESS EQUIPMENT DATA SHEET - 10-E-2441 - HP DEPROP REFLUX CHILLER NO. 2	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	31/10/2018	29/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00250	TPSK-LSPA1-T-PE-00392											
					Return Date	20/11/2018	10/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2442	PROCESS EQUIPMENT DATA SHEET - 10-E-2442 - HP DEPROP REFLUX CHILLER NO. 1	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	31/10/2018	29/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00250	TPSK-LSPA1-T-PE-00392											
					Return Date	20/11/2018	10/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2443	PROCESS EQUIPMENT DATA SHEET - 10-P-2445 - HP DEPROPANIZER COND PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	04/12/2018	27/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00408	TPSK-LSPA1-T-PE-00568											
					Return Date	17/12/2018	14/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2444	PROCESS EQUIPMENT DATA SHEET - 10-D-2445 - HP DEPROP REBOILER COND POT	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	11/12/2018	27/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00474	TPSK-LSPA1-T-PE-00563											
					Return Date	21/12/2018	14/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2445	PROCESS EQUIPMENT DATA SHEET - 10-E-2445 - HP DEPROPANIZER REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	01/11/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00267	TPSK-LSPA1-T-PE-00436											
					Return Date	26/11/2018	18/12/2018											
					Owner Cmmt*	R2	R1											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
	PE	OL1-2G30-2446	PROCESS EQUIPMENT DATA SHEET - 10-E-2446 - LP DEPROPANIZER FEED COOLER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	03/01/2019	16/01/2019	
					Issue Actual	31/10/2018	29/11/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00250	TPSK-LSPA1-T-PE-00392	
					Return Date	20/11/2018	10/12/2018	
					Owner Cmmt*	R1	R1	
	PE	OL1-2G30-2450	PROCESS EQUIPMENT DATA SHEET - 10-T-2450 - LP DEPROPANIZER	Class 1	Purpose**	IFR	IFA	IFD
					Rev.		A	B
					Issue Plan	21/01/2019		25/02/2019
					Revised Plan	29/10/2018	14/09/2018	13/12/2018
					Issue Actual		14/09/2018	12/10/2018
					Transmittal no.		TPSK-LSPA1-T-PE-00053	TPSK-LSPA1-T-PE-00167
					Return Date		03/10/2018	
					Owner Cmmt*		A3	
	PE	OL1-2G30-2451	PROCESS EQUIPMENT DATA SHEET - 10-E-2450 - LP DEPROPANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	03/01/2019	16/01/2019	
					Issue Actual	31/10/2018	29/11/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00259	TPSK-LSPA1-T-PE-00392	
					Return Date	20/11/2018	10/12/2018	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2452	PROCESS EQUIPMENT DATA SHEET - 10-D-2450 - LP DEPROPANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	25/03/2019	
					Revised Plan	16/01/2019	16/01/2019	
					Issue Actual	01/11/2018	07/12/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00264	TPSK-LSPA1-T-PE-00430	
					Return Date	27/11/2018	18/12/2018	
					Owner Cmmt*	R1	R1	
	PE	OL1-2G30-2453	PROCESS EQUIPMENT DATA SHEET - 10-P-2450 - LP DEPROPANIZER REFLUX / PRODUCT PUMP	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	11/03/2019	01/04/2019	
					Revised Plan	17/12/2018	16/01/2019	
					Issue Actual	07/11/2018	07/01/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00285	TPSK-LSPA1-T-PE-00593	
					Return Date	27/12/2018	22/01/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2455	PROCESS EQUIPMENT DATA SHEET - 10-E-2455 - LP DEPROPANIZER REBOILER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	03/01/2019	16/01/2019	
					Issue Actual	25/10/2018	20/12/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00228	TPSK-LSPA1-T-PE-00523	
					Return Date	14/11/2018	14/01/2019	
					Owner Cmmt*	R1	R1	
	PE	OL1-2G30-2456	PROCESS EQUIPMENT DATA SHEET - 10-D-2455 - LP DEPROP REBOILER COND POT	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	25/03/2019	
					Revised Plan	16/01/2019	16/01/2019	
					Issue Actual	11/12/2018	27/12/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00474	TPSK-LSPA1-T-PE-00563	
					Return Date	21/12/2018	14/01/2019	
					Owner Cmmt*	R1	R1	
	PE	OL1-2G30-2457	PROCESS EQUIPMENT DATA SHEET - 10-P-2455 - LP DEPROPANIZER COND PUMP	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	11/03/2019	01/04/2019	
					Revised Plan	17/12/2018	16/01/2019	
					Issue Actual	04/12/2018	27/12/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00408	TPSK-LSPA1-T-PE-00568	
					Return Date	17/12/2018	14/01/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2460	PROCESS EQUIPMENT DATA SHEET - 10-D-2460 - C2 HYDROG ARSINE GUARD BED	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	25/03/2019	
					Revised Plan	13/12/2018	16/01/2019	
					Issue Actual	10/12/2018	16/01/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00453	TPSK-LSPA1-T-PE-00660	
					Return Date	16/01/2019	29/01/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2461	PROCESS EQUIPMENT DATA SHEET - 10-E-2460 - C2 HYDROG FEED COOLER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	03/01/2019	16/01/2019	
					Issue Actual	31/10/2018	29/11/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00250	TPSK-LSPA1-T-PE-00392	
					Return Date	20/11/2018	10/12/2018	
					Owner Cmmt*	R1	R1	
	PE	OL1-2G30-2465	PROCESS EQUIPMENT DATA SHEET - 10-E-2465 - C2 HYDROG FEED HEATER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	03/01/2019	16/01/2019	
					Issue Actual	29/11/2018	07/01/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00391	TPSK-LSPA1-T-PE-00602	
					Return Date	13/12/2018	22/01/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2470	PROCESS EQUIPMENT DATA SHEET - 10-R-2470 - C2 HYDROG REACTOR	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	16/01/2019	06/02/2019	
					Revised Plan	13/12/2018	08/01/2019	
					Issue Actual	09/11/2018	08/01/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00299	TPSK-LSPA1-T-PE-00609	
					Return Date	29/11/2018	22/01/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2471	PROCESS EQUIPMENT DATA SHEET - 10-E-2470 - C2 HYDROG 1ST STAGE INTERCOOLER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	03/01/2019	16/01/2019	
					Issue Actual	29/11/2018	07/01/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00391	TPSK-LSPA1-T-PE-00602	
					Return Date	13/12/2018	22/01/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-2472	PROCESS EQUIPMENT DATA SHEET - 10-E-2472 - C2 HYDROG 2ND STAGE INTERCOOLER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	29/11/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00391	TPSK-LSPA1-T-PE-00602											
					Return Date	13/12/2018	22/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2474	PROCESS EQUIPMENT DATA SHEET - 10-E-2474 - C2 HYDROG AFTERCOOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	29/11/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00391	TPSK-LSPA1-T-PE-00602											
					Return Date	13/12/2018	22/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2480	PROCESS EQUIPMENT DATA SHEET - 10-D-2480 - CG SECONDARY DRYER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	13/12/2018	11/01/2019											
					Issue Actual	28/11/2018	11/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00386	TPSK-LSPA1-T-PE-00637											
					Return Date	13/12/2018	31/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2500	PROCESS EQUIPMENT DATA SHEET - 10-E-2500 - PROPYLENE REFRIG SUBCOOLER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	11/09/2018	04/10/2018										
					Issue Actual		11/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00039	TPSK-LSPA1-T-PE-00131										
					Return Date		28/09/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G30-2502	PROCESS EQUIPMENT DATA SHEET - 10-E-2502 - DEMETH PREFRAC FEED COOLER NO. 1	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	10/09/2018	16/01/2019										
					Issue Actual		10/09/2018	05/11/2018	11/12/2018									
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00272	TPSK-LSPA1-T-PE-00475									
					Return Date		02/10/2018	26/11/2018	10/01/2019									
					Owner Cmmt*		A1	A2	A1									
	PE	OL1-2G30-2503	PROCESS EQUIPMENT DATA SHEET - 10-E-2504 - DEMETH PREFRAC FEED COOLER NO. 2	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	10/09/2018	16/01/2019										
					Issue Actual		10/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00272										
					Return Date		02/10/2018	26/11/2018										
					Owner Cmmt*		A1	A2										
	PE	OL1-2G30-2504	PROCESS EQUIPMENT DATA SHEET - 10-D-2504 - DEMETH PREFRAC FEED SEPARATOR NO. 1	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	09/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00217	TPSK-LSPA1-T-PE-00303											
					Return Date	07/11/2018	26/11/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2505	PROCESS EQUIPMENT DATA SHEET - 10-E-2506 - DEMETH PREFRAC FEED COOLER NO. 3	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018	06/02/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131	TPSK-LSPA1-T-PE-00811									
					Return Date		02/10/2018		25/02/2019									
					Owner Cmmt*		A3		R1									
	PE	OL1-2G30-2506	PROCESS EQUIPMENT DATA SHEET - 10-D-2506 - DEMETH PREFRAC FEED SEPARATOR NO. 2	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	09/11/2018	02/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00217	TPSK-LSPA1-T-PE-00303	TPSK-LSPA1-T-PE-02040										
					Return Date	07/11/2018	26/11/2018	17/07/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2508	PROCESS EQUIPMENT DATA SHEET - 10-D-2508 - DEMETH PREFRAC FEED SEPARATOR NO. 3	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	09/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00217	TPSK-LSPA1-T-PE-00303											
					Return Date	07/11/2018	26/11/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2510	PROCESS EQUIPMENT DATA SHEET - 10-T-2510 - DEMETHANIZER PREFRACTIONATOR	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	21/01/2019		25/02/2019										
					Revised Plan	29/10/2018	26/09/2018	13/12/2018										
					Issue Actual		26/09/2018	09/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00092	TPSK-LSPA1-T-PE-00306										
					Return Date		24/10/2018	29/11/2018										
					Owner Cmmt*		A3	A1										
	PE	OL1-2G30-2511	PROCESS EQUIPMENT DATA SHEET - 10-E-2510 - DEMETH PREFRAC CONDENSER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A1											
	PE	OL1-2G30-2515	PROCESS EQUIPMENT DATA SHEET - 10-E-2515 - DEMETH PREFRACTIONATOR REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	24/10/2018	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00216	TPSK-LSPA1-T-PE-00492											
					Return Date	14/11/2018	22/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2520	PROCESS EQUIPMENT DATA SHEET - 10-T-2520 - RESIDUE GAS RECTIFIER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	31/10/2018	17/12/2018											
					Issue Actual	15/10/2018	04/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00172	TPSK-LSPA1-T-PE-00407											

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LONG SON PETROCHEMICALS

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Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date	05/11/2018	17/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2521	PROCESS EQUIPMENT DATA SHEET - 10-E-2520 - RECTIFIER CONDENSER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	10/09/2018	16/01/2019										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2525	PROCESS EQUIPMENT DATA SHEET - 10-D-2525 - HYDROGEN DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00218	TPSK-LSPA1-T-PE-00430											
					Return Date	09/11/2018	18/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2526	PROCESS EQUIPMENT DATA SHEET - 10-E-2525 - HYDROGEN CORE EXCHANGER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A1											
	PE	OL1-2G30-2531	PROCESS EQUIPMENT DATA SHEET - 10-E-2530 - DEMETH FEED COOLER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2540	PROCESS EQUIPMENT DATA SHEET - 10-T-2540 - DEMETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	21/01/2019		25/02/2019										
					Revised Plan	29/10/2018	24/09/2018	13/12/2018										
					Issue Actual		24/09/2018	09/11/2018	04/12/2018									
					Transmittal no.		TPSK-LSPA1-T-PE-00073	TPSK-LSPA1-T-PE-00306	TPSK-LSPA1-T-PE-00407									
					Return Date		24/10/2018	29/11/2018	17/12/2018									
					Owner Cmmt*		A3	A3	R1									
	PE	OL1-2G30-2541	PROCESS EQUIPMENT DATA SHEET - 10-E-2540 - DEMETHANIZER CONDENSER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A1											
	PE	OL1-2G30-2545	PROCESS EQUIPMENT DATA SHEET - 10-E-2545 - DEMETHANIZER REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	24/10/2018	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00216	TPSK-LSPA1-T-PE-00492											
					Return Date	14/11/2018	22/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2546	PROCESS EQUIPMENT DATA SHEET - 10-E-2546 - DEMETHANIZER BOTTOMS COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	24/10/2018	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00216	TPSK-LSPA1-T-PE-00492											
					Return Date	14/11/2018	22/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2548	PROCESS EQUIPMENT DATA SHEET - 10-E-2548 - DEMETHANIZER BOTTOMS VAPORIZER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	24/10/2018	10/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00216	TPSK-LSPA1-T-PE-00464											
					Return Date	14/11/2018	27/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2550	PROCESS EQUIPMENT DATA SHEET - 10-C-2550 - RESIDUE GAS EXPANDER / RECOMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	07/12/2018		02/01/2019										
					Revised Plan	22/08/2018	29/08/2018	28/09/2018										
					Issue Actual		29/08/2018	28/09/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00031	TPSK-LSPA1-T-PE-00114										
					Return Date		28/09/2018	24/10/2018										
					Owner Cmmt*		A3	R1										
	PE	OL1-2G30-2551	PROCESS EQUIPMENT DATA SHEET - 10-D-2550 - EXPANDER SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00218	TPSK-LSPA1-T-PE-00440											
					Return Date	09/11/2018	22/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2555	PROCESS EQUIPMENT DATA SHEET - 10-D-2555 - EXPANDER DISCHARGE DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00218	TPSK-LSPA1-T-PE-00430											
					Return Date	09/11/2018	18/12/2018											
					Owner Cmmt*	R1	em											
	PE	OL1-2G30-2560	PROCESS EQUIPMENT DATA SHEET - 10-PK-2560 - PSA UNIT	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	20/10/2018	16/01/2019											
					Issue Actual	17/10/2018	20/12/2018	25/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00190	TPSK-LSPA1-T-PE-00530	TPSK-LSPA1-T-PE-01485										
					Return Date	05/11/2018	14/01/2019	17/06/2019										
					Owner Cmmt*	R2	R1	CL										
	PE	OL1-2G30-2570	PROCESS EQUIPMENT DATA SHEET - 10-T-2570 - DEETHANIZER	Class 1	Purpose**	IFR	IFD	IFD										

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LONG SON PETROCHEMICALS

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LSP-2W91-0001	10

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Item	Org.	Document No.	Document Name	Classification					
					Rev.	A	B	C	
					Issue Plan	21/01/2019	25/02/2019		
					Revised Plan	29/10/2018	13/12/2018		
					Issue Actual	17/10/2018	04/12/2018	20/12/2018	
					Transmittal no.	TPSK-LSPA1-T-PE-00191	TPSK-LSPA1-T-PE-00407	TPSK-LSPA1-T-PE-00538	
					Return Date	05/11/2018	17/12/2018	14/01/2019	
					Owner Cmmt*	R2	R2	R1	
	PE	OL1-2G30-2571	PROCESS EQUIPMENT DATA SHEET - 10-E-2570 - DEETHANIZER CONDENSER	Class 1	Purpose**	IFR	IFA	IFD	
					Rev.		A	B	
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	13/09/2018	10/09/2018	05/11/2018	
					Issue Actual		10/09/2018	05/11/2018	
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00272	
					Return Date		02/10/2018	26/11/2018	
					Owner Cmmt*		A3	A2	
	PE	OL1-2G30-2572	PROCESS EQUIPMENT DATA SHEET - 10-D-2570 - DEETHANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	25/10/2018	07/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00227	TPSK-LSPA1-T-PE-00446		
					Return Date	05/12/2018	27/12/2018		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2573	PROCESS EQUIPMENT DATA SHEET - 10-P-2570 - DEETHANIZER REFLUX PUMP	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	16/01/2019		
					Issue Actual	20/11/2018	13/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00340	TPSK-LSPA1-T-PE-00481		
					Return Date	10/12/2018	27/12/2018		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2574	PROCESS EQUIPMENT DATA SHEET - 10-D-2575 - DEETHANIZER REBOILER COND POT	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	11/12/2018	27/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00474	TPSK-LSPA1-T-PE-00563		
					Return Date	21/12/2018	14/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2575	PROCESS EQUIPMENT DATA SHEET - 10-E-2575 - DEETHANIZER REBOILER	Class 1	Purpose**	IFR	IFA	IFD	
					Rev.		A	B	
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	03/01/2019	26/09/2018	16/01/2019	
					Issue Actual		26/09/2018	05/11/2018	
					Transmittal no.		TPSK-LSPA1-T-PE-00094	TPSK-LSPA1-T-PE-00272	
					Return Date		12/10/2018	26/11/2018	
					Owner Cmmt*		A2	A1	
	PE	OL1-2G30-2576	PROCESS EQUIPMENT DATA SHEET - 10-E-2576 - DEETHANIZER BOTTOMS COOLER	Class 1	Purpose**	IFR	IFA	IFD	
					Rev.		A	B	
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	03/01/2019	26/09/2018	16/01/2019	
					Issue Actual		26/09/2018	05/11/2018	
					Transmittal no.		TPSK-LSPA1-T-PE-00094	TPSK-LSPA1-T-PE-00272	
					Return Date		12/10/2018	26/11/2018	
					Owner Cmmt*		A2	A1	
	PE	OL1-2G30-2577	PROCESS EQUIPMENT DATA SHEET - 10-P-2575 - DEETHANIZER REBOILER COND PUMP	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	16/01/2019		
					Issue Actual	04/12/2018	27/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00408	TPSK-LSPA1-T-PE-00568		
					Return Date	17/12/2018	14/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2580	PROCESS EQUIPMENT DATA SHEET - 10-T-2580 - C2 TOWER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	21/01/2019	25/02/2019		
					Revised Plan	29/10/2018	13/12/2018		
					Issue Actual	12/10/2018	04/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00162	TPSK-LSPA1-T-PE-00407		
					Return Date	31/10/2018	17/12/2018		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-2582	PROCESS EQUIPMENT DATA SHEET - 10-E-2582 - C2 TOWER REFLUX COOLER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	03/01/2019	16/01/2019		
					Issue Actual	01/11/2018	13/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00265	TPSK-LSPA1-T-PE-00492		
					Return Date	20/11/2018	22/01/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2585	PROCESS EQUIPMENT DATA SHEET - 10-E-2585 - C2 TOWER BOTTOMS REBOILER	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	06/09/2018	10/09/2018	04/10/2018	
					Issue Actual		10/09/2018	04/10/2018	04/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131	TPSK-LSPA1-T-PE-01261
					Return Date		02/10/2018		07/06/2019
					Owner Cmmt*		A1		R1
	PE	OL1-2G30-2586	PROCESS EQUIPMENT DATA SHEET - 10-P-2586 - ETHANE RECYCLE PUMP	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	17/12/2018	16/01/2019		
					Issue Actual	20/11/2018	13/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00340	TPSK-LSPA1-T-PE-00481		
					Return Date	10/12/2018	27/12/2018		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-2587	PROCESS EQUIPMENT DATA SHEET - 10-E-2587 - C2 TOWER SIDE REBOILER	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	06/09/2018	10/09/2018	04/10/2018	
					Issue Actual		10/09/2018	04/10/2018	04/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131	TPSK-LSPA1-T-PE-01261
					Return Date		02/10/2018		07/06/2019
					Owner Cmmt*		A1		R1
	PE	OL1-2G30-2600	PROCESS EQUIPMENT DATA SHEET - 10-D-2600 - C3 HYDROG GUARD ADSORBER	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	13/12/2018	10/01/2019		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	07/12/2018	10/01/2019	13/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00439	TPSK-LSPA1-T-PE-00618	TPSK-LSPA1-T-PE-01049											
					Return Date	27/12/2018	24/01/2019	02/04/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2610	PROCESS EQUIPMENT DATA SHEET - 10-D-2610 - C3 HYDROG ARSINE GUARD BED	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	13/12/2018	10/01/2019												
					Issue Actual	21/11/2018	10/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00345	TPSK-LSPA1-T-PE-00618												
					Return Date	13/12/2018	24/01/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2620	PROCESS EQUIPMENT DATA SHEET - 10-R-2620 - C3 HYDROG REACTOR	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	16/01/2019	06/02/2019												
					Revised Plan	03/01/2019	21/02/2019												
					Issue Actual	03/01/2019	21/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00583	TPSK-LSPA1-T-PE-00910												
					Return Date	16/01/2019	19/03/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G30-2621	PROCESS EQUIPMENT DATA SHEET - 10-E-2620 - C3 HYDROG AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	16/01/2019	01/03/2019												
					Issue Actual	10/01/2019	01/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00615	TPSK-LSPA1-T-PE-00966	TPSK-LSPA1-T-PE-01609											
					Return Date	24/01/2019	13/03/2019	19/06/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2622	PROCESS EQUIPMENT DATA SHEET - 10-D-2620 - C3 HYDROG RECYCLE DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	18/03/2019												
					Issue Actual	10/01/2019	11/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00614	TPSK-LSPA1-T-PE-01023												
					Return Date	24/01/2019	29/03/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2623	PROCESS EQUIPMENT DATA SHEET - 10-P-2620 - C3 HYDROG RECYCLE PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	01/03/2019												
					Issue Actual	07/01/2019	01/03/2019	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00587	TPSK-LSPA1-T-PE-00963	TPSK-LSPA1-T-PE-01739											
					Return Date	31/01/2019	21/03/2019	13/06/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-2624	Process Equipment Datasheet - 10-X-2620 - C3 Hydrog Static Mixer	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	11/03/2019												
					Revised Plan	18/02/2019	01/03/2019												
					Issue Actual	16/01/2019	01/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00664	TPSK-LSPA1-T-PE-00968												
					Return Date	31/01/2019	13/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2630	PROCESS EQUIPMENT DATA SHEET - 10-T-2630 - SECONDARY DEETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	21/01/2019		25/02/2019											
					Revised Plan	31/10/2018	14/09/2018	17/12/2018											
					Issue Actual		14/09/2018	12/10/2018	04/12/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00053	TPSK-LSPA1-T-PE-00169	TPSK-LSPA1-T-PE-00407										
					Return Date		03/10/2018		17/12/2018										
					Owner Cmmt*		A3		R1										
	PE	OL1-2G30-2631	PROCESS EQUIPMENT DATA SHEET - 10-E-2630 - SECONDARY DEETH CONDENSER	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	18/02/2019		18/03/2019											
					Revised Plan	03/01/2019	24/09/2018	16/01/2019											
					Issue Actual		24/09/2018	05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-PE-00074	TPSK-LSPA1-T-PE-00272											
					Return Date		12/10/2018	26/11/2018											
					Owner Cmmt*		A2	A2											
	PE	OL1-2G30-2632	PROCESS EQUIPMENT DATA SHEET - 10-D-2630 - SECONDARY DEETH REFLUX DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	16/01/2019												
					Issue Actual	07/11/2018	11/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00287	TPSK-LSPA1-T-PE-00633												
					Return Date	11/01/2019	24/01/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2633	PROCESS EQUIPMENT DATA SHEET - 10-P-2630 - SECONDARY DEETH REFLUX PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	17/12/2018	12/02/2019												
					Issue Actual	06/11/2018	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00277	TPSK-LSPA1-T-PE-00844												
					Return Date	04/02/2019	25/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2635	PROCESS EQUIPMENT DATA SHEET - 10-E-2635 - SECONDARY DEETH REBOILER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	18/02/2019		18/03/2019											
					Revised Plan	03/01/2019	24/09/2018	16/01/2019											
					Issue Actual		24/09/2018	05/11/2018	07/12/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00074	TPSK-LSPA1-T-PE-00272	TPSK-LSPA1-T-PE-00438										
					Return Date		12/10/2018	26/11/2018	27/12/2018										
					Owner Cmmt*		A2	A2	A1										
	PE	OL1-2G30-2636	PROCESS EQUIPMENT DATA SHEET - 10-E-2636 - SECONDARY DEETH BOTTOMS COOLER	Class 1	Purpose**	IFR	IFA	IFD											
					Rev.		A	B											
					Issue Plan	18/02/2019		18/03/2019											
					Revised Plan	03/01/2019	24/09/2018	16/01/2019											
					Issue Actual		24/09/2018	05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-PE-00074	TPSK-LSPA1-T-PE-00272											
					Return Date		12/10/2018	26/11/2018											
					Owner Cmmt*		A2	A1											
	PE	OL1-2G30-2640	PROCESS EQUIPMENT DATA SHEET - 10-T-2640 - C3 TOWER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	21/01/2019	25/02/2019												
					Revised Plan	29/10/2018	13/12/2018												
					Issue Actual	22/10/2018	04/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00201	TPSK-LSPA1-T-PE-00407												
					Return Date	05/11/2018	17/12/2018												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2644	PROCESS EQUIPMENT DATA SHEET - 10-D-2645 - C3 TOWER REBOILER COND POT	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	18/01/2019	01/02/2019											
					Issue Actual	18/01/2019	01/02/2019	26/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00677	TPSK-LSPA1-T-PE-00796	TPSK-LSPA1-T-PE-00938										
					Return Date	31/01/2019	21/02/2019	14/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-2645	PROCESS EQUIPMENT DATA SHEET - 10-E-2645 - C3 TOWER REBOILER	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	13/09/2018	12/09/2018	05/11/2018										
					Issue Actual		12/09/2018	05/11/2018	07/12/2018									
					Transmittal no.		TPSK-LSPA1-T-PE-00041	TPSK-LSPA1-T-PE-00272	TPSK-LSPA1-T-PE-00438									
					Return Date		01/10/2018	26/11/2018	27/11/2018									
					Owner Cmmt*		A1	A2	A1									
	PE	OL1-2G30-2646	PROCESS EQUIPMENT DATA SHEET - 10-P-2646 - PROPANE RECYCLE PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	12/02/2019											
					Issue Actual	06/11/2018	12/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00277	TPSK-LSPA1-T-PE-00844											
					Return Date	04/02/2019	25/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2647	PROCESS EQUIPMENT DATA SHEET - 10-P-2647 - HP PROPYLENE / OFF SPEC PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	09/11/2018	14/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00302	TPSK-LSPA1-T-PE-00649											
					Return Date	04/02/2019	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2660	PROCESS EQUIPMENT DATA SHEET - 10-T-2660 - DEBUTANIZER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	21/01/2019		25/02/2019										
					Revised Plan	29/10/2018	14/09/2018	13/12/2018										
					Issue Actual		14/09/2018	12/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00053	TPSK-LSPA1-T-PE-00169										
					Return Date		03/10/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2661	PROCESS EQUIPMENT DATA SHEET - 10-E-2660 - DEBUTANIZER CONDENSER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	26/09/2018	16/01/2019										
					Issue Actual		26/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00094	TPSK-LSPA1-T-PE-00272										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A2	A1										
	PE	OL1-2G30-2662	PROCESS EQUIPMENT DATA SHEET - 10-D-2660 - DEBUTANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	07/11/2018	16/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00287	TPSK-LSPA1-T-PE-00660											
					Return Date	11/01/2019	29/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2663	PROCESS EQUIPMENT DATA SHEET - 10-P-2660 - DEBUTANIZER REFLUX / PRODUCT PUMP	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	20/11/2018	13/12/2018	14/01/2019	16/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00340	TPSK-LSPA1-T-PE-00481	TPSK-LSPA1-T-PE-00648	TPSK-LSPA1-T-PE-01383									
					Return Date	10/12/2018	27/12/2018	28/01/2019	24/05/2019									
					Owner Cmmt*	R2	R1	R1	R1									
	PE	OL1-2G30-2664	Process Equipment Datasheet - 10-F-2666 A-B - C5 - Pygas Feed Filters	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	20/02/2019	18/03/2019											
					Issue Actual	20/02/2019	11/03/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-0900	TPSK-LSPA1-T-PE-01024	TPSK-LSPA1-T-PE-01601										
					Return Date	26/02/2019	29/03/2019	17/06/2019										
					Owner Cmmt*	R1	R2	R2										
	PE	OL1-2G30-2665	PROCESS EQUIPMENT DATA SHEET - 10-E-2665 - DEBUTANIZER REBOILER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	27/09/2018	16/01/2019										
					Issue Actual		27/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00101	TPSK-LSPA1-T-PE-00272										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A1	A1										
	PE	OL1-2G30-2666	PROCESS EQUIPMENT DATA SHEET - 10-E-2666 - DEBUTANIZER BOTTOMS COOLER	Class 1	Purpose**	IFR	IFA	IFD	IFD	IFD								
					Rev.		A	B	C	D								
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	28/09/2018	16/01/2019										
					Issue Actual		28/09/2018	27/11/2018	23/01/2019	17/04/2019								
					Transmittal no.		TPSK-LSPA1-T-PE-00112	TPSK-LSPA1-T-PE-00370	TPSK-LSPA1-T-PE-00711	TPSK-LSPA1-T-PE-01387								
					Return Date		12/10/2018	10/12/2018	11/02/2019	24/05/2019								
					Owner Cmmt*		A3	A1	A2	R1								
	PE	OL1-2G30-2667	PROCESS EQUIPMENT DATA SHEET - 10-D-2666 - C5 / PYGAS SURGE DRUM	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	01/02/2019	20/03/2019											
					Issue Actual	01/02/2019	20/03/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00781	TPSK-LSPA1-T-PE-01106	TPSK-LSPA1-T-PE-01600										
					Return Date	21/02/2019	10/04/2019	17/06/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2668	PROCESS EQUIPMENT DATA SHEET - 10-P-2666 - C5 / PYGAS PUMPS	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	11/02/2019	11/03/2019											
					Issue Actual	11/02/2019	11/03/2019	12/04/2019	24/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00834	TPSK-LSPA1-T-PE-01025	TPSK-LSPA1-T-PE-01339	TPSK-LSPA1-T-PE-01739									
					Return Date	25/02/2019	29/03/2019		13/06/2019									
					Owner Cmmt*	R1	R1		R1									
	PE	OL1-2G30-2669	Process Equipment Datasheet - 10-P-2665 A-B - Debutanizer Bottoms Pumps	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

ABBREVIATION			
**Revision Purpose of Issued Document		*Owner Feedback (Comment)	***Classification
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IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	27/11/2018	14/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00371	TPSK-LSPA1-T-PE-00648												
					Return Date	13/12/2018	28/01/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2700	PROCESS EQUIPMENT DATA SHEET - 10-R-2700 - GHU-1 REACTOR	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	16/01/2019	06/02/2019												
					Revised Plan	16/01/2019	15/03/2019												
					Issue Actual	16/01/2019	15/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00659	TPSK-LSPA1-T-PE-01081												
					Return Date	11/02/2019	02/04/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2701	PROCESS EQUIPMENT DATA SHEET - 10-E-2701 - GHU-1 FEED / EFFLUENT EXCHANGERS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	23/01/2019	20/03/2019												
					Issue Actual	23/01/2019	20/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00710	TPSK-LSPA1-T-PE-01107	TPSK-LSPA1-T-PE-01604											
					Return Date	11/02/2019	10/04/2019	17/06/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2702	PROCESS EQUIPMENT DATA SHEET - 10-E-2702 - GHU-1 S/U HEATER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	20/02/2019	04/04/2019												
					Issue Actual	20/02/2019	04/04/2019	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00899	TPSK-LSPA1-T-PE-01250	TPSK-LSPA1-T-PE-01371											
					Return Date	19/03/2019	16/05/2019	07/06/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2703	PROCESS EQUIPMENT DATA SHEET - 10-E-2705 - GHU-1 RECYCLE COOLER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/01/2019	28/03/2019												
					Issue Actual	25/01/2019	28/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00720	TPSK-LSPA1-T-PE-01187	TPSK-LSPA1-T-PE-01604											
					Return Date	15/02/2019	07/06/2019	17/06/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2704	PROCESS EQUIPMENT DATA SHEET - 10-P-2705 - GHU-1 RECYCLE PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	11/02/2019	11/03/2019												
					Issue Actual	11/02/2019	11/03/2019	24/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00834	TPSK-LSPA1-T-PE-01025	TPSK-LSPA1-T-PE-01739											
					Return Date	25/02/2019	29/03/2019	13/06/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-2705	PROCESS EQUIPMENT DATA SHEET - 10-D-2705 - GHU-1 HOT SEPARATOR	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	01/02/2019	28/03/2019												
					Issue Actual	01/02/2019	28/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00781	TPSK-LSPA1-T-PE-01188												
					Return Date	21/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2706	PROCESS EQUIPMENT DATA SHEET - 10-D-2706 - GHU-1 COLD SEPARATOR	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	01/02/2019	28/03/2019												
					Issue Actual	01/02/2019	28/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00781	TPSK-LSPA1-T-PE-01188												
					Return Date	21/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2707	PROCESS EQUIPMENT DATA SHEET - 10-E-2706 - GHU-1 COOLER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/01/2019	28/03/2019												
					Issue Actual	25/01/2019	28/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00720	TPSK-LSPA1-T-PE-01187	TPSK-LSPA1-T-PE-01604											
					Return Date	15/02/2019	16/05/2019	17/06/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2710	PROCESS EQUIPMENT DATA SHEET - 10-T-2710 - DEPENTANIZER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	21/01/2019	25/02/2019												
					Revised Plan	22/01/2019	15/03/2019												
					Issue Actual	22/01/2019	15/03/2019	21/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00688	TPSK-LSPA1-T-PE-01082	TPSK-LSPA1-T-PE-01708											
					Return Date	15/02/2019	02/04/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-2711	PROCESS EQUIPMENT DATA SHEET - 10-E-2710 -DEPENTANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/01/2019	20/03/2019												
					Issue Actual	25/01/2019	20/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00720	TPSK-LSPA1-T-PE-01107	TPSK-LSPA1-T-PE-01604											
					Return Date	15/02/2019	10/04/2019	17/06/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-2712	PROCESS EQUIPMENT DATA SHEET - 10-D-2710 - DEPENTANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	01/02/2019	20/03/2019												
					Issue Actual	01/02/2019	20/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00781	TPSK-LSPA1-T-PE-01106	TPSK-LSPA1-T-PE-01600											
					Return Date	21/02/2019	10/04/2019	17/06/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-2713	PROCESS EQUIPMENT DATA SHEET - 10-P-2710 - DEPENTANIZER REFLUX PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	11/02/2019	11/03/2019												
					Issue Actual	11/02/2019	11/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00834	TPSK-LSPA1-T-PE-01025												
					Return Date	25/02/2019	29/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2714	PROCESS EQUIPMENT DATA SHEET - 10-P-2714 - C5 CUT PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	12/02/2019	15/03/2019												
					Issue Actual	12/02/2019	15/03/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-PE-00841	TPSK-LSPA1-T-PE-01083											
					Return Date	25/02/2019	02/04/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2715	PROCESS EQUIPMENT DATA SHEET - 10-E-2715 - DEPENTANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	25/01/2019	20/03/2019											
					Issue Actual	25/01/2019	20/03/2019	26/04/2019	07/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00724	TPSK-LSPA1-T-PE-01107	TPSK-LSPA1-T-PE-01507	TPSK-LSPA1-T-PE-01604									
					Return Date	11/02/2019	10/04/2019	17/06/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2716	PROCESS EQUIPMENT DATA SHEET - 10-E-2714 - C5 CUT COOLER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	25/01/2019	28/03/2019											
					Issue Actual	25/01/2019	28/03/2019	26/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00720	TPSK-LSPA1-T-PE-01187	TPSK-LSPA1-T-PE-01990										
					Return Date	15/02/2019	16/05/2019	17/07/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2717	PROCESS EQUIPMENT DATA SHEET - 10-PK-2720 - RERUN TOWER EDUCTOR PKG	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	20/02/2019	17/04/2019											
					Issue Actual	20/02/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00902	TPSK-LSPA1-T-PE-01403											
					Return Date	19/03/2019	04/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2718	PROCESS EQUIPMENT DATA SHEET - 10-D-2720 - RERUN TOWER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	01/02/2019	12/04/2019											
					Issue Actual	01/02/2019	12/04/2019	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00781	TPSK-LSPA1-T-PE-01342	TPSK-LSPA1-T-PE-02056										
					Return Date	21/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-2719	PROCESS EQUIPMENT DATA SHEET - 10-P-2720 - RERUN TOWER REFLUX / PRODUCT PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	12/02/2019	17/04/2019											
					Issue Actual	12/02/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00841	TPSK-LSPA1-T-PE-01404											
					Return Date	25/02/2019	04/06/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2720	PROCESS EQUIPMENT DATA SHEET - 10-T-2720 - RERUN TOWER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	22/01/2019	12/04/2019											
					Issue Actual	22/01/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00669	TPSK-LSPA1-T-PE-01340											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-2721	PROCESS EQUIPMENT DATA SHEET - 10-E-2720 - RERUN TOWER CONDENSER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	18/03/2019	16/04/2019											
					Issue Actual	11/02/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00835	TPSK-LSPA1-T-PE-01341											
					Return Date	25/02/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G30-2723	PROCESS EQUIPMENT DATA SHEET - 10-E-2724 - WASH OIL CONDENSER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	11/02/2019	16/04/2019											
					Issue Actual	11/02/2019	15/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00835	TPSK-LSPA1-T-PE-01353											
					Return Date	25/02/2019	24/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2724	PROCESS EQUIPMENT DATA SHEET - 10-D-2724 - WASH OIL DEGASSING DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	01/02/2019	16/04/2019											
					Issue Actual	01/02/2019	15/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00781	TPSK-LSPA1-T-PE-01354											
					Return Date	21/02/2019	24/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2725	PROCESS EQUIPMENT DATA SHEET - 10-E-2725 - RERUN TOWER REBOILER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	11/02/2019	17/04/2019											
					Issue Actual	11/02/2019	17/04/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00835	TPSK-LSPA1-T-PE-01405	TPSK-LSPA1-T-PE-01604										
					Return Date	25/02/2019	04/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2726	PROCESS EQUIPMENT DATA SHEET - 10-P-2726 - PYGAS FUEL OIL PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	15/02/2019	22/04/2019											
					Issue Actual	15/02/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00873	TPSK-LSPA1-T-PE-01432											
					Return Date	26/02/2019	17/06/2019											
					Owner Cmmt*	R1	R2											
	PE	OL1-2G30-2727	PROCESS EQUIPMENT DATA SHEET - 10-E-2726 - PYGAS FUEL OIL COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	11/02/2019	22/04/2019											
					Issue Actual	11/02/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00835	TPSK-LSPA1-T-PE-01431											
					Return Date	25/02/2019	04/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2728	PROCESS EQUIPMENT DATA SHEET - 10-P-2724 - RECYCLE WASH OIL PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	12/02/2019	23/04/2019											
					Issue Actual	12/02/2019	23/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00841	TPSK-LSPA1-T-PE-01458											
					Return Date	25/02/2019	04/06/2019											
					Owner Cmmt*	R2	R1											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	PE	OL1-2G30-2729	Process Equipment Datasheet - 10-P-2721 A-B - Wash Oil Pumps	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	18/02/2019	23/04/2019											
					Issue Actual	15/02/2019	23/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00873	TPSK-LSPA1-T-PE-01458											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2730	PROCESS EQUIPMENT DATA SHEET - 10-E-2730 - HYDROG REGEN HEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	15/03/2019	06/05/2019											
					Issue Actual	15/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01070	TPSK-LSPA1-T-PE-01586											
					Return Date	02/04/2019	03/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2735	PROCESS EQUIPMENT DATA SHEET - 10-D-2735 - REGEN HYDROG DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	18/03/2019	08/04/2019											
					Issue Actual	13/03/2019	08/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01049	TPSK-LSPA1-T-PE-01277											
					Return Date	02/04/2019	16/05/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2750	PROCESS EQUIPMENT DATA SHEET - 10-D-2750 - C4 / C5 HYDROG SURGE DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	01/02/2019	18/03/2019											
					Issue Actual	01/02/2019	11/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00794	TPSK-LSPA1-T-PE-01023											
					Return Date	21/02/2019	29/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2751	PROCESS EQUIPMENT DATA SHEET - 10-P-2750 - C4 / C5 HYDROG FEED PUMPS	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	01/02/2019	01/03/2019											
					Issue Actual	01/02/2019	01/03/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00788	TPSK-LSPA1-T-PE-00963	TPSK-LSPA1-T-PE-01610										
					Return Date	15/02/2019	21/03/2019	19/06/2019										
					Owner Cmmt*	R1	R2	R1										
	PE	OL1-2G30-2755	PROCESS EQUIPMENT DATA SHEET - 10-E-2755 - C4 / C5 HYDROG S/U HEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	25/02/2019	25/03/2019											
					Issue Actual	25/02/2019	25/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00924	TPSK-LSPA1-T-PE-01148											
					Return Date	19/03/2019	16/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2760	PROCESS EQUIPMENT DATA SHEET - 10-R-2760 - C4 / C5 HYDROG REACTOR	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	16/01/2019	06/02/2019											
					Revised Plan	16/01/2019	11/03/2019											
					Issue Actual	16/01/2019	11/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00659	TPSK-LSPA1-T-PE-01030											
					Return Date	11/02/2019	29/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2762	PROCESS EQUIPMENT DATA SHEET - 10-D-2760 - C4 / C5 HYDROG RECYCLE DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	01/02/2019	18/03/2019											
					Issue Actual	01/02/2019	11/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00794	TPSK-LSPA1-T-PE-01023											
					Return Date	21/02/2019	29/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2763	PROCESS EQUIPMENT DATA SHEET - 10-E-2760 - C4 / C5 HYDROG VENT CONDENSER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/02/2019	18/03/2019											
					Issue Actual	01/02/2019	11/03/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00793	TPSK-LSPA1-T-PE-01027	TPSK-LSPA1-T-PE-01604										
					Return Date	21/02/2019	29/03/2019	17/06/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2764	PROCESS EQUIPMENT DATA SHEET - 10-P-2760 - C4 / C5 HYDROG RECYCLE PUMPS	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	01/02/2019	01/03/2019											
					Issue Actual	01/02/2019	01/03/2019	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00788	TPSK-LSPA1-T-PE-00963	TPSK-LSPA1-T-PE-01739										
					Return Date	15/02/2019	21/03/2019	13/06/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2765	PROCESS EQUIPMENT DATA SHEET - 10-E-2765 - C4 / C5 HYDROG RECYCLE COOLER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/02/2019	18/03/2019											
					Issue Actual	01/02/2019	11/03/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00793	TPSK-LSPA1-T-PE-01027	TPSK-LSPA1-T-PE-01604										
					Return Date	21/02/2019	29/03/2019	17/06/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2767	Process Equipment Datasheet - 10-D-2765 - C4 - C5 Hydrog Coalescer Drum	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	20/02/2019	25/03/2019											
					Issue Actual	20/02/2019	25/03/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE--00901	TPSK-LSPA1-T-PE-01145	TPSK-LSPA1-T-PE-01600										
					Return Date	19/03/2019	16/05/2019	17/06/2019										
					Owner Cmmt*	R2	R2	R2										
	PE	OL1-2G30-2790	PROCESS EQUIPMENT DATA SHEET - 10-D-2790 - LIGHT OIL DRAIN DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	25/01/2019											
					Issue Actual	13/12/2018	25/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00482	TPSK-LSPA1-T-PE-00721											
					Return Date	22/01/2019	11/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2791	PROCESS EQUIPMENT DATA SHEET - 10-P-2790 - LIGHT OIL DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	11/03/2019	01/04/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	17/12/2018	25/01/2019											
					Issue Actual	13/12/2018	25/01/2019	22/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00496	TPSK-LSPA1-T-PE-00722	TPSK-LSPA1-T-PE-01434										
					Return Date	22/01/2019	11/02/2019	17/06/2019										
					Owner Cmmt*	R1	R1	R2										
	PE	OL1-2G30-2792	PROCESS EQUIPMENT DATA SHEET - 10-EJ-2790 - LIGHT OIL DRAIN SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD											
					Rev.		A											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual		07/01/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00595											
					Return Date		22/01/2019											
					Owner Cmmt*		R1											
	PE	OL1-2G30-2800	PROCESS EQUIPMENT DATA SHEET - 10-C-2800 - PROPYLENE REFRIG COMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	07/12/2018		02/01/2019										
					Revised Plan	22/08/2018	22/08/2018	28/09/2018										
					Issue Actual		22/08/2018	17/09/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00025	TPSK-LSPA1-T-PE-00055										
					Return Date		11/09/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2801	PROCESS EQUIPMENT DATA SHEET - 10-P-2805 - PROPYLENE PRODUCT PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	06/11/2018	14/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00277	TPSK-LSPA1-T-PE-00649											
					Return Date	04/02/2019	28/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2805	PROCESS EQUIPMENT DATA SHEET - 10-D-2805 - C3R SURGE DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	19/11/2018	21/11/2018											
					Issue Actual	24/10/2018	21/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00218	TPSK-LSPA1-T-PE-00348											
					Return Date	09/11/2018	10/12/2018											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2806	PROCESS EQUIPMENT DATA SHEET - 10-E-2805 - C3R CONDENSER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	28/09/2018	16/01/2019										
					Issue Actual		28/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00113	TPSK-LSPA1-T-PE-00272										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A3	A1										
	PE	OL1-2G30-2807	PROCESS EQUIPMENT DATA SHEET - 10-E-2807 - C3 CHILLER NO. 1	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	28/09/2018	16/01/2019										
					Issue Actual		28/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00113	TPSK-LSPA1-T-PE-00272										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A1	A2										
	PE	OL1-2G30-2809	PROCESS EQUIPMENT DATA SHEET - 10-E-2809 - C3 CHILLER NO. 2	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	28/09/2018	16/01/2019										
					Issue Actual		28/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00113	TPSK-LSPA1-T-PE-00273										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A1	A1										
	PE	OL1-2G30-2810	PROCESS EQUIPMENT DATA SHEET - 10-D-2810 - C3R 1ST STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	19/11/2018	21/11/2018											
					Issue Actual	09/10/2018	21/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00349											
					Return Date	05/11/2018	10/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2815	PROCESS EQUIPMENT DATA SHEET - 10-D-2815 - C3R DRAIN DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	07/12/2018	11/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00439	TPSK-LSPA1-T-PE-00633											
					Return Date	27/12/2018	24/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2816	PROCESS EQUIPMENT DATA SHEET - 10-P-2815 - PROPYLENE REFRIG RECOVERY PUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	20/11/2018	13/12/2018	14/01/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00340	TPSK-LSPA1-T-PE-00481	TPSK-LSPA1-T-PE-00648										
					Return Date	10/12/2018	27/12/2018	28/01/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2820	PROCESS EQUIPMENT DATA SHEET - 10-D-2820 - C3R 2ND STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	19/11/2018	21/11/2018											
					Issue Actual	09/10/2018	21/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00349											
					Return Date	05/11/2018	10/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2830	PROCESS EQUIPMENT DATA SHEET - 10-D-2830 - C3R 3RD STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	19/11/2018	21/11/2018											
					Issue Actual	09/10/2018	21/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00349											
					Return Date	05/11/2018	10/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2840	PROCESS EQUIPMENT DATA SHEET - 10-D-2840 - C3R 4TH STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	19/11/2018	21/11/2018											
					Issue Actual	09/10/2018	21/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00349											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date	05/11/2018	10/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2850	PROCESS EQUIPMENT DATA SHEET - 10-C-2850 - ETHYLENE REFRIG COMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	07/12/2018		02/01/2019										
					Revised Plan	22/08/2018	22/08/2018	28/09/2018										
					Issue Actual		22/08/2018	17/09/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00025	TPSK-LSPA1-T-PE-00055										
					Return Date		11/09/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2852	PROCESS EQUIPMENT DATA SHEET - 10-E-2852 - C2R DESUPERHEATER NO. 1	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	28/09/2018	16/01/2019										
					Issue Actual		28/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00113	TPSK-LSPA1-T-PE-00272										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A1	A2										
	PE	OL1-2G30-2853	PROCESS EQUIPMENT DATA SHEET - 10-E-2852 - C2R DESUPERHEATER NO. 2	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	03/01/2019	28/09/2018	16/01/2019										
					Issue Actual		28/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00113	TPSK-LSPA1-T-PE-00272										
					Return Date		12/10/2018	26/11/2018										
					Owner Cmmt*		A1	A2										
	PE	OL1-2G30-2854	PROCESS EQUIPMENT DATA SHEET - 10-D-2855 - C2R SURGE DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	10/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00218	TPSK-LSPA1-T-PE-00621											
					Return Date	09/11/2018	24/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2855	PROCESS EQUIPMENT DATA SHEET - 10-P-2855 - ETHYLENE PRODUCT PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	16/01/2019											
					Issue Actual	28/11/2018	14/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00379	TPSK-LSPA1-T-PE-00648											
					Return Date	13/12/2018	28/01/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2856	PROCESS EQUIPMENT DATA SHEET - 10-E-2855 - C2R CONDENSER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	13/09/2018	11/09/2018	05/11/2018										
					Issue Actual		11/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00039	TPSK-LSPA1-T-PE-00272										
					Return Date		28/09/2018	26/11/2018										
					Owner Cmmt*		A2	A1										
	PE	OL1-2G30-2857	PROCESS EQUIPMENT DATA SHEET - 10-E-2857 - HP ETHYLENE PRODUCT VAPORIZER	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	13/09/2018	12/09/2018	05/11/2018										
					Issue Actual		12/09/2018	05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00041	TPSK-LSPA1-T-PE-00272										
					Return Date		01/10/2018	26/11/2018										
					Owner Cmmt*		A1	A1										
	PE	OL1-2G30-2858	PROCESS EQUIPMENT DATA SHEET - 10-E-2858 - HP ETHYLENE PRODUCT SUPERHEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	24/10/2018	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00223	TPSK-LSPA1-T-PE-00492											
					Return Date	14/11/2018	22/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2859	Process Equipment Datasheet - 10-E-2856 - Ethylene Product Subcooler	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	03/01/2019	16/01/2019											
					Issue Actual	24/10/2018	13/12/2018	23/01/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00216	TPSK-LSPA1-T-PE-00492	TPSK-LSPA1-T-PE-00711										
					Return Date	14/11/2018	22/01/2019	11/02/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2860	PROCESS EQUIPMENT DATA SHEET - 10-D-2860 - C2R 1ST STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	12/02/2019											
					Issue Actual	23/10/2018	12/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00208	TPSK-LSPA1-T-PE-00845											
					Return Date	04/02/2019	25/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2865	PROCESS EQUIPMENT DATA SHEET - 10-D-2865 - C2R DRAIN DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	07/12/2018	11/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00445	TPSK-LSPA1-T-PE-00633											
					Return Date	10/01/2019	24/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2870	PROCESS EQUIPMENT DATA SHEET - 10-D-2870 - C2R 2ND STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	24/10/2018	21/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00218	TPSK-LSPA1-T-PE-00349											
					Return Date	09/11/2018	10/12/2018											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2880	PROCESS EQUIPMENT DATA SHEET - 10-D-2880 - C2R 3RD STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	19/11/2018	12/02/2019											
					Issue Actual	23/10/2018	12/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00208	TPSK-LSPA1-T-PE-00845											
					Return Date	04/02/2019	25/02/2019											
					Owner Cmmt*	R1	TP											
	PE	OL1-2G30-2882	PROCESS EQUIPMENT DATA SHEET - 10-E-2882 - LP ETHYLENE PRODUCT COOLER NO. 1	Class 1	Purpose**	IFR	IFA	IFD										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2884	PROCESS EQUIPMENT DATA SHEET - 10-E-2884 - LP ETHYLENE PRODUCT COOLER NO. 2	Class 1	Purpose**	IFR	IFA	IFD										
					Rev.		A	B										
					Issue Plan	18/02/2019		18/03/2019										
					Revised Plan	06/09/2018	10/09/2018	04/10/2018										
					Issue Actual		10/09/2018	04/10/2018										
					Transmittal no.		TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131										
					Return Date		02/10/2018											
					Owner Cmmt*		A3											
	PE	OL1-2G30-2900	PROCESS EQUIPMENT DATA SHEET - 10-PK-2900 - PH CTRL / CORROSION INHIBITOR INJ PKG	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	31/01/2019											
					Issue Actual	20/12/2018	31/01/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00532	TPSK-LSPA1-T-PE-00780	TPSK-LSPA1-T-PE-01103										
					Return Date	28/01/2019	28/02/2019	10/04/2019										
					Owner Cmmt*	R1	R2	R1										
	PE	OL1-2G30-2902	PROCESS EQUIPMENT DATA SHEET - 10-PK-2902 - EMULSION BREAKER INJ PKG	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	25/01/2019											
					Issue Actual	20/12/2018	25/01/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00533	TPSK-LSPA1-T-PE-00726	TPSK-LSPA1-T-PE-01103										
					Return Date	22/01/2019	05/03/2019	10/04/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2904	PROCESS EQUIPMENT DATA SHEET - 10-PK-2904 - WATER STRIPPER CHEMICAL INJ PKG	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	25/01/2019											
					Issue Actual	20/12/2018	25/01/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00533	TPSK-LSPA1-T-PE-00726	TPSK-LSPA1-T-PE-01103										
					Return Date	22/01/2019	05/03/2019	10/04/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2906	PROCESS EQUIPMENT DATA SHEET - 10-PK-2906 - DSG ANTI-FOULANT INJ PKG	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	25/01/2019											
					Issue Actual	20/12/2018	25/01/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00533	TPSK-LSPA1-T-PE-00726	TPSK-LSPA1-T-PE-01103										
					Return Date	22/01/2019	05/03/2019	10/04/2019										
					Owner Cmmt*	R1	R1	R1										
	PE	OL1-2G30-2910	PROCESS EQUIPMENT DATA SHEET - 10-TK-2910 - WASH OIL DAY TANK	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	16/01/2019	29/01/2019											
					Issue Actual	27/12/2018	29/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00561	TPSK-LSPA1-T-PE-00760											
					Return Date	28/01/2019	25/02/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2911	PROCESS EQUIPMENT DATA SHEET - 10-P-2910 - WASH OIL INJECTION PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	17/12/2018	26/02/2019											
					Issue Actual	10/01/2019	26/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00613	TPSK-LSPA1-T-PE-00939											
					Return Date	04/02/2019	21/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2912	PROCESS EQUIPMENT DATA SHEET - 10-PK-2912 - CAUSTIC TOWER ANTI-FOULANT INJ PKG	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	31/01/2019											
					Issue Actual	20/12/2018	31/01/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00533	TPSK-LSPA1-T-PE-00780	TPSK-LSPA1-T-PE-01103										
					Return Date	22/01/2019	28/02/2019	10/04/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-2914	PROCESS EQUIPMENT DATA SHEET - 10-PK-2914 - NEUTRALIZATION INJECTION PKG	Class 1	Purpose**	IFR	CAN											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	16/10/2018	11/04/2019											
					Issue Actual	16/10/2018	11/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00181	TPSK-LSPA1-T-PE-01329											
					Return Date	04/02/2019	16/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-2920	PROCESS EQUIPMENT DATA SHEET - 10-PK-2920 - POLYMERIZATION INHIBITOR INJ PKG	Class 1	Purpose**	IFR	IFD	IFD	IFD	IFD								
					Rev.	A	B	C	D	E								
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	25/01/2019											
					Issue Actual	20/12/2018	25/01/2019	20/03/2019	16/05/2019	09/07/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00533	TPSK-LSPA1-T-PE-00726	TPSK-LSPA1-T-PE-01103	TPSK-LSPA1-T-PE-01686	TPSK-LSPA1-T-PE-02099								
					Return Date	22/01/2019	11/02/2019	10/04/2019	13/06/2019									
					Owner Cmmt*	R1	R1	R1	R2									
	PE	OL1-2G30-2922	PROCESS EQUIPMENT DATA SHEET - 10-PK-2922 - CO INJECTION PACKAGE	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	20/12/2018	16/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00560	TPSK-LSPA1-T-PE-00656											
					Return Date	14/01/2019	31/01/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2931	Process Equipment Datasheet - 10-PK-2931 - Propanol Injection Pkg	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	18/02/2019	18/02/2019											
					Issue Actual	22/01/2019	12/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00689	TPSK-LSPA1-T-PE-00846											
					Return Date	11/02/2019	25/02/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-2932	Process Equipment Datasheet - 10-D-2930 - Methanol Drum	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	18/02/2019	18/02/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	14/01/2019	01/02/2019	26/03/2019											
					Transmittal no.	TPSK-LSPA-1-T-PE-00644	TPSK-LSPA1-T-PE-00796	TPSK-LSPA1-T-PE-01162											
					Return Date	31/01/2019	21/02/2019	16/05/2019											
					Owner Cmmt*	R1	R2	R1											
	PE	OL1-2G30-2934	Process Equipment Datasheet - 10-P-2930 - Methanol Injection Pump	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	14/01/2019	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00645	TPSK-LSPA1-T-PE-00844												
					Return Date	04/02/2019	25/02/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-2940	PROCESS EQUIPMENT DATA SHEET - 10-PK-2940 - C4 POLYMER INHIBITOR INJECTION PKG	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	16/01/2019	25/01/2019												
					Issue Actual	20/12/2018	25/01/2019	20/03/2019	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00533	TPSK-LSPA1-T-PE-00726	TPSK-LSPA1-T-PE-01103	TPSK-LSPA1-T-PE-01384										
					Return Date	22/01/2019	14/03/2019	10/04/2019	24/05/2019										
					Owner Cmmt*	R1	R1	R1	R1										
	PE	OL1-2G30-2945	Process Equipment Datasheet - 10-PK-2945 - Anti-Oxidant Injection Package	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	08/05/2019	20/06/2019												
					Issue Actual	08/05/2019	20/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01617	TPSK-LSPA1-T-PE-01930												
					Return Date	19/06/2019	11/07/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-3000	PROCESS EQUIPMENT DATA SHEET - 10-T-3000 - PREDISTILLATION TOWER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	21/01/2019	25/02/2019												
					Revised Plan	25/02/2019	21/05/2019												
					Issue Actual	25/02/2019	21/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00923	TPSK-LSPA1-T-PE-01708												
					Return Date	15/03/2019	13/06/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G30-3001	PROCESS EQUIPMENT DATA SHEET - 10-E-3000 - PREDISTILLATION CONDENSER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/03/2019	29/05/2019												
					Issue Actual	25/03/2019	03/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01148	TPSK-LSPA1-T-PE-01796												
					Return Date	11/04/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3002	PROCESS EQUIPMENT DATA SHEET - 10-P-3002 - PREDISTILLATION FEED PUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01802												
					Return Date	09/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3003	PROCESS EQUIPMENT DATA SHEET - 10-P-3000 - PREDISTILLATION REFLUX PUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	04/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01802												
					Return Date	09/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3004	PROCESS EQUIPMENT DATA SHEET - 10-E-3004 - PREDISTILLATION TRIM REBOILER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/03/2019	29/05/2019												
					Issue Actual	25/03/2019	03/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01148	TPSK-LSPA1-T-PE-01796												
					Return Date	11/04/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3005	PROCESS EQUIPMENT DATA SHEET - 10-E-3005 - PREDISTILLATION REBOILER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/03/2019	29/05/2019												
					Issue Actual	25/03/2019	03/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01148	TPSK-LSPA1-T-PE-01796												
					Return Date	11/04/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3006	PROCESS EQUIPMENT DATA SHEET - 10-D-3000 - PREDISTILLATION REFLUX DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	07/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01836												
					Return Date	16/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3007	PROCESS EQUIPMENT DATA SHEET - 10-D-3002 - PREDISTILLATION FEED DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	07/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01836												
					Return Date	16/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3010	PROCESS EQUIPMENT DATA SHEET - 10-D-3010 - C4 FEED DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	21/01/2019	25/02/2019												
					Revised Plan	25/02/2019	21/05/2019												
					Issue Actual	25/02/2019	16/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00923	TPSK-LSPA1-T-PE-01684												
					Return Date	15/03/2019	13/06/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G30-3014	PROCESS EQUIPMENT DATA SHEET - 10-E-3014 - C4 SOLVENT VAPORIZER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/03/2019	29/05/2019												
					Issue Actual	25/03/2019	29/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01148	TPSK-LSPA1-T-PE-01762												
					Return Date	11/04/2019													

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
Document Code :		IFP = Issue For Planning	/ Execution				
		IFD = Issue For Design	CAN = Issue for Cancellation				

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*	R2												
	PE	OL1-2G30-3015	PROCESS EQUIPMENT DATA SHEET - 10-E-3015 - C4 VAPORIZER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	29/03/2019	29/05/2019											
					Issue Actual	29/03/2019	30/05/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01776											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3016	PROCESS EQUIPMENT DATA SHEET - 10-P-3016 - HEAVY END DISCHARGE PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01836											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3018	PROCESS EQUIPMENT DATA SHEET - 10-E-3018 - SOLVENT COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/04/2019	29/05/2019											
					Issue Actual	01/04/2019	29/05/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01762											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3020	PROCESS EQUIPMENT DATA SHEET - 10-T-3020 - MAIN WASHER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	26/02/2019	21/05/2019											
					Issue Actual	26/02/2019	21/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00932	TPSK-LSPA1-T-PE-01708											
					Return Date	15/03/2019	13/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-3021	PROCESS EQUIPMENT DATA SHEET - 10-D-3020 - MAIN WASHER REFLUX DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/04/2019	29/05/2019											
					Issue Actual	01/04/2019	29/05/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01762											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3022	PROCESS EQUIPMENT DATA SHEET - 10-P-3020 - MAIN WASHER REFLUX PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	06/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01820											
					Return Date	09/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3023	PROCESS EQUIPMENT DATA SHEET - 10-E-3020 - MAIN WASHER CONDENSER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01954											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3026	PROCESS EQUIPMENT DATA SHEET - 10-P-3026 - MAIN WASHER BOTTOM PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01954											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3030	PROCESS EQUIPMENT DATA SHEET - 10-T-3030 - AFTER WASHER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	28/02/2019	21/05/2019											
					Issue Actual	28/02/2019	16/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00955	TPSK-LSPA1-T-PE-01684											
					Return Date	15/03/2019	13/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-3031	PROCESS EQUIPMENT DATA SHEET - 10-E-3030 - AFTER WASHER CONDENSER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/04/2019	29/05/2019											
					Issue Actual	01/04/2019	29/05/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01762											
					Return Date	12/04/2019	21/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-3032	PROCESS EQUIPMENT DATA SHEET - 10-P-3030 - AFTER WASHER REFLUX PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	04/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01802											
					Return Date	09/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3033	PROCESS EQUIPMENT DATA SHEET - 10-D-3030 - AFTER WASHER REFLUX DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01836											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3036	PROCESS EQUIPMENT DATA SHEET - 10-P-3036 - AFTER WASHER BOTTOM PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	10/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01846											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3040	PROCESS EQUIPMENT DATA SHEET - 10-T-3040 - RECTIFIER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Issue Plan	21/01/2019	25/02/2019										
					Revised Plan	01/03/2019	21/05/2019										
					Issue Actual	01/03/2019	21/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00958	TPSK-LSPA1-T-PE-01708										
					Return Date	02/04/2019	13/06/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G30-3044	PROCESS EQUIPMENT DATA SHEET - 10-E-3044 - SOLVENT HEATER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	01/04/2019	29/05/2019										
					Issue Actual	01/04/2019	30/05/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01776										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3045	PROCESS EQUIPMENT DATA SHEET - 10-E-3045 - SOLVENT HEAT EXCHANGER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	01/04/2019	29/05/2019										
					Issue Actual	01/04/2019	30/05/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01776										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3046	PROCESS EQUIPMENT DATA SHEET - 10-P-3046 - DEGASSER FEED PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01954										
					Return Date	16/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3047	PROCESS EQUIPMENT DATA SHEET - 10-P-3045 - RECTIFIER PUMPS	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	10/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01847										
					Return Date	16/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3050	PROCESS EQUIPMENT DATA SHEET - 10-T-3050 - DEGASSER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	21/01/2019	25/02/2019										
					Revised Plan	28/02/2019	21/05/2019										
					Issue Actual	28/02/2019	16/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00955	TPSK-LSPA1-T-PE-01684										
					Return Date	15/03/2019	13/06/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G30-3055	PROCESS EQUIPMENT DATA SHEET - 10-E-3055 - DEGASSER REBOILER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	29/03/2019	29/05/2019										
					Issue Actual	29/03/2019	30/05/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01776										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3056	PROCESS EQUIPMENT DATA SHEET - 10-P-3056 - DEGASSER BOTTOM PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01954										
					Return Date	16/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3060	PROCESS EQUIPMENT DATA SHEET - 10-T-3060 - ACETYLENE WASHER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	21/01/2019	25/02/2019										
					Revised Plan	25/02/2019	21/05/2019										
					Issue Actual	25/02/2019	21/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00923	TPSK-LSPA1-T-PE-01708										
					Return Date	15/03/2019	13/06/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G30-3061	PROCESS EQUIPMENT DATA SHEET - 10-E-3060 - ACETYLENE WASHER CONDENSER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01945										
					Return Date	16/05/2019	11/07/2019										
					Owner Cmmt*	R2	R1										
	PE	OL1-2G30-3062	PROCESS EQUIPMENT DATA SHEET - 10-E-3062 - ACETYLENE CONDENSER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	29/03/2019	29/05/2019										
					Issue Actual	29/03/2019	30/05/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01776										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3063	PROCESS EQUIPMENT DATA SHEET - 10-P-3060 - WWASTE WATER PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	29/03/2019	29/05/2019										
					Issue Actual	29/03/2019	30/05/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01776										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3064	PROCESS EQUIPMENT DATA SHEET - 10-P-3062 - C4 ACETYLENE PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	04/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01802										
					Return Date	09/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3065	PROCESS EQUIPMENT DATA SHEET - 10-P-3061 - WASTE HC PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	05/06/2019										

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		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
Document Code :		IFP = Issue For Planning	/ Execution				
		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813											
					Return Date	09/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3066	PROCESS EQUIPMENT DATA SHEET - 10-D-3062 - ACETYLENE ACCUMULATOR	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01954											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3067	PROCESS EQUIPMENT DATA SHEET - 10-D-3060 - C4 FEED DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01945											
					Return Date	16/05/2019	11/07/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-3070	PROCESS EQUIPMENT DATA SHEET - 10-T-3070 - DIRECT COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	28/02/2019	21/05/2019											
					Issue Actual	28/02/2019	16/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00955	TPSK-LSPA1-T-PE-01684											
					Return Date	15/03/2019	13/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-3071	PROCESS EQUIPMENT DATA SHEET - 10-E-3070 - WATER / NMP COOLER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	29/03/2019	29/05/2019											
					Issue Actual	29/03/2019	03/06/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01796											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3072	PROCESS EQUIPMENT DATA SHEET - 10-EJ-3070 - RECYCLE GAS STEAM EJECTOR	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	11/03/2019											
					Revised Plan	05/04/2019	16/05/2019											
					Issue Actual	09/04/2019	07/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01283	TPSK-LSPA1-T-PE-01827											
					Return Date	16/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3073	PROCESS EQUIPMENT DATA SHEET - 10-C-3070 - RECYCLE GAS COMPRESSOR	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	20/11/2018	18/01/2019											
					Issue Actual	20/11/2018	18/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00344	TPSK-LSPA1-T-PE-00675											
					Return Date	13/12/2018	21/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-3076	PROCESS EQUIPMENT DATA SHEET - 10-P-3076 - DIRECT COOLER PUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01946											
					Return Date	16/05/2019	11/07/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-3080	PROCESS EQUIPMENT DATA SHEET - 10-T-3080 - BUTADIENE TOWER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	21/01/2019	25/02/2019											
					Revised Plan	25/02/2019	21/05/2019											
					Issue Actual	25/02/2019	16/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00923	TPSK-LSPA1-T-PE-01684											
					Return Date	15/03/2019	13/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-3081	PROCESS EQUIPMENT DATA SHEET - 10-D-3080 - BUTADIENE TOWER REFLUX DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	29/03/2019	29/05/2019											
					Issue Actual	29/03/2019	30/05/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01784											
					Return Date	12/04/2019	21/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-3082	PROCESS EQUIPMENT DATA SHEET - 10-E-3080 - BUTADIENE TOWER CONDENSER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	05/04/2019	20/05/2019											
					Issue Actual	05/04/2019	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813											
					Return Date	09/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3083	Process Equipment Data Sheet - 10-P-3080 A-B Butadiene Tower Reflux Pumps	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	05/04/2019	21/06/2019											
					Issue Actual	05/04/2019	21/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01946											
					Return Date	16/05/2019	11/07/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-3084	PROCESS EQUIPMENT DATA SHEET - 10-E-3084 - BUTADIENE TOWER TRIM REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	29/03/2019	29/05/2019											
					Issue Actual	29/03/2019	03/06/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01796											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G30-3085	PROCESS EQUIPMENT DATA SHEET - 10-E-3085 - BUTADIENE TOWER REBOILER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	29/03/2019	29/05/2019											
					Issue Actual	29/03/2019	30/05/2019											
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01784											
					Return Date	12/04/2019	21/06/2019											
					Owner Cmmt*	R2	R2											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
	PE	OL1-2G30-3086	PROCESS EQUIPMENT DATA SHEET - 10-P-3086 - C4 / C5 HC PUMP	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	11/03/2019	01/04/2019	
					Revised Plan	05/04/2019	20/05/2019	
					Issue Actual	05/04/2019	21/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01946	
					Return Date	16/05/2019	11/07/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-3087	PROCESS EQUIPMENT DATA SHEET - 10-P-3080 - BUTADIENE TOWER REFLUX PUMPS	Class 1	Purpose**	IFR	IFD	
					Rev.			
					Issue Plan	11/03/2019	01/04/2019	
					Revised Plan	05/04/2019	20/05/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2G30-3090	PROCESS EQUIPMENT DATA SHEET - 10-T-3090 - BUTADIENE DRYING TOWER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	21/01/2019	25/02/2019	
					Revised Plan	26/02/2019	21/05/2019	
					Issue Actual	26/02/2019	21/05/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00932	TPSK-LSPA1-T-PE-01708	
					Return Date	15/03/2019	13/06/2019	
					Owner Cmmt*	R2	R2	
	PE	OL1-2G30-3095	PROCESS EQUIPMENT DATA SHEET - 10-E-3095 - BUTADIENE DRYING TOWER REBOILER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	29/03/2019	29/05/2019	
					Issue Actual	29/03/2019	03/06/2019	
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01796	
					Return Date	12/04/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3097	PROCESS EQUIPMENT DATA SHEET - 10-P-3096 - BUTADIENE PRODUCT PUMPS	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	11/03/2019	01/04/2019	
					Revised Plan	05/04/2019	20/05/2019	
					Issue Actual	05/04/2019	21/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01946	
					Return Date	16/05/2019	11/07/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-3098	PROCESS EQUIPMENT DATA SHEET - 10-E-3098 - BUTADIENE PRODUCT SUBCOOLER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	29/03/2019	29/05/2019	
					Issue Actual	29/03/2019	29/05/2019	
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01762	
					Return Date	12/04/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3100	PROCESS EQUIPMENT DATA SHEET - 10-D-3100 - SOLVENT REGEN DRUM	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	25/03/2019	
					Revised Plan	05/04/2019	20/05/2019	
					Issue Actual	05/04/2019	05/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813	
					Return Date	09/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3101	PROCESS EQUIPMENT DATA SHEET - 10-A-3100 - SOLVENT REGEN AGITATOR	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	11/03/2019	
					Revised Plan	11/04/2019	16/05/2019	
					Issue Actual	11/04/2019	06/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01319	TPSK-LSPA1-T-PE-01824	
					Return Date	16/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3110	PROCESS EQUIPMENT DATA SHEET - 10-T-3110 - WATER WASHER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	21/01/2019	25/02/2019	
					Revised Plan	01/03/2019	21/05/2019	
					Issue Actual	01/03/2019	21/05/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00973	TPSK-LSPA1-T-PE-01711	
					Return Date	02/04/2019	13/06/2019	
					Owner Cmmt*	R2	R2	
	PE	OL1-2G30-3111	PROCESS EQUIPMENT DATA SHEET - 10-D-3110 - WATER WASHER ACCUMULATOR	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	18/03/2019	
					Revised Plan	29/03/2019	29/05/2019	
					Issue Actual	29/03/2019	30/05/2019	
					Transmittal no.	TPSK-LSAP1-T-PE-01202	TPSK-LSPA1-T-PE-01786	
					Return Date	12/04/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3112	PROCESS EQUIPMENT DATA SHEET - 10-E-3110 - WATER WASHER CONDENSER	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	25/03/2019	
					Revised Plan	05/04/2019	20/05/2019	
					Issue Actual	05/04/2019	05/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813	
					Return Date	09/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3113	PROCESS EQUIPMENT DATA SHEET - 10-P-3110 - SOLVENT RETURN PUMP	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	11/03/2019	01/04/2019	
					Revised Plan	05/04/2019	20/05/2019	
					Issue Actual	05/04/2019	21/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01947	
					Return Date	16/05/2019	11/07/2019	
					Owner Cmmt*	R2	R1	
	PE	OL1-2G30-3123	PROCESS EQUIPMENT DATA SHEET - 10-PK-3120 - REGEN STEAM EJECTOR PKG	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	11/03/2019	
					Revised Plan	09/04/2019	16/05/2019	
					Issue Actual	09/04/2019	06/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01284	TPSK-LSPA1-T-PE-01823	
					Return Date	16/05/2019		
					Owner Cmmt*	R2		
	PE	OL1-2G30-3126	PROCESS EQUIPMENT DATA SHEET - 10-D-3126 - EJECTOR SEAL DRUM	Class 1	Purpose**	IFR	IFD	
					Rev.	A	B	
					Issue Plan	18/02/2019	25/03/2019	

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	05/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813										
					Return Date	09/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3127	PROCESS EQUIPMENT DATA SHEET - 10-P-3126 - WASTE WATER RETURN PUMPS	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01947										
					Return Date	16/05/2019	11/07/2019										
					Owner Cmmt*	R2	R1										
	PE	OL1-2G30-3150	PROCESS EQUIPMENT DATA SHEET - 10-E-3150 - CONDENSATE HEATER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	01/04/2019	29/05/2019										
					Issue Actual	01/04/2019	03/06/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01796										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3151	PROCESS EQUIPMENT DATA SHEET - 10-D-3150 - CONDENSATE FLASH DRUM	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	05/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813										
					Return Date	09/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3160	PROCESS EQUIPMENT DATA SHEET - 10-E-3160 - CONDENSATE COOLER	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	01/04/2019	29/05/2019										
					Issue Actual	01/04/2019	03/06/2019										
					Transmittal no.	TPSK-LSAP1-T-PE-01214	TPSK-LSPA1-T-PE-01796										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3161	PROCESS EQUIPMENT DATA SHEET - 10-D-3160 - CONDENSATE DRUM	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	05/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01813										
					Return Date	09/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3162	PROCESS EQUIPMENT DATA SHEET - 10-P-3160 - CONDENSATE RECYCLE PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01947										
					Return Date	16/05/2019	11/07/2019										
					Owner Cmmt*	R2	R1										
	PE	OL1-2G30-3180	PROCESS EQUIPMENT DATA SHEET - 10-D-3180 - BLOWDOWN DRUM	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	06/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01820										
					Return Date	09/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3190	PROCESS EQUIPMENT DATA SHEET - 10-D-3190 - NMP SLOP DRUM	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	06/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01820										
					Return Date	09/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3191	PROCESS EQUIPMENT DATA SHEET - 10-EJ-3190 - NMP SLOP SUMP EDUCTOR	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	16/04/2019	20/05/2019										
					Issue Actual	05/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01265	TPSK-LSPA1-T-PE-01945										
					Return Date	16/05/2019	11/07/2019										
					Owner Cmmt*	R2	R1										
	PE	OL1-2G30-3192	PROCESS EQUIPMENT DATA SHEET - 10-P-3190 - SOLVENT SLOP PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.		A										
					Issue Plan	18/02/2019	11/03/2019										
					Revised Plan	16/04/2019	16/04/2019										
					Issue Actual		26/03/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-01160										
					Return Date		11/04/2019										
					Owner Cmmt*		R2										
	PE	OL1-2G30-3900	PROCESS EQUIPMENT DATA SHEET - 10-TK-3900 - NMP STORAGE TANK	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	18/03/2019										
					Revised Plan	11/04/2019	20/05/2019										
					Issue Actual	11/04/2019	06/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01318	TPSK-LSPA1-T-PE-01825										
					Return Date	16/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3901	PROCESS EQUIPMENT DATA SHEET - 10-P-3900 - NMP STORAGE PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	11/03/2019	01/04/2019										
					Revised Plan	09/04/2019	20/05/2019										
					Issue Actual	09/04/2019	21/06/2019										
					Transmittal no.	TPSK-LSPA-1-PE-01285	TPSK-LSPA1-T-PE-01954										
					Return Date	16/05/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G30-3902	PROCESS EQUIPMENT DATA SHEET - 10-P-3902 - SOLVENT INHIBITOR DOSING PUMP	Class 1	Purpose**	IFR	IFD										
					Rev.	A	B										
					Issue Plan	18/02/2019	25/03/2019										
					Revised Plan	05/04/2019	20/05/2019										
					Issue Actual	05/04/2019	10/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01849										

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

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Item	Org.	Document No.	Document Name	Classification															
					Return Date	09/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3903	PROCESS EQUIPMENT DATA SHEET - 10-D-3902 - SOLVENT INHIBITOR DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	09/04/2019	20/05/2019												
					Issue Actual	09/04/2019	21/06/2019												
					Transmittal no.	TPSK-LSPA-1-PE-01285	TPSK-LSPA1-T-PE-01954												
					Return Date	16/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3904	PROCESS EQUIPMENT DATA SHEET - 10-D-3904 - PRODUCT INHIBITOR DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01826												
					Return Date	09/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3905	PROCESS EQUIPMENT DATA SHEET - 10-P-3904 - PRODUCT INHIBITOR DOSING PUMP	Class 1	Purpose**	IFR	IFR	IFD											
					Rev.	A	B												
					Issue Plan	11/03/2019		01/04/2019											
					Revised Plan	09/04/2019		20/05/2019											
					Issue Actual	09/04/2019	25/06/2019												
					Transmittal no.	TPSK-LSPA-1-PE-01285	TPSK-LSPA1-T-PE-01978												
					Return Date	16/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3906	PROCESS EQUIPMENT DATA SHEET - 10-D-3906 - ANTI FOAM AGENT DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01826												
					Return Date	09/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3907	PROCESS EQUIPMENT DATA SHEET - 10-P-3906 - ANTIFOAM DOSING PUMP	Class 1	Purpose**	IFR	IFR	IFD											
					Rev.	A	B												
					Issue Plan	11/03/2019		01/04/2019											
					Revised Plan	09/04/2019		20/05/2019											
					Issue Actual	09/04/2019	25/06/2019												
					Transmittal no.	TPSK-LSPA-1-PE-01285	TPSK-LSPA1-T-PE-01978												
					Return Date	16/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3908	PROCESS EQUIPMENT DATA SHEET - 10-D-3908 - PREDISTILLATION INHIBITOR DRUM	Class 1	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	09/04/2019	25/06/2019												
					Issue Actual	09/04/2019	25/06/2019												
					Transmittal no.	TPSK-LSPA-1-PE-01285	TPSK-LSPA1-T-PE-01978												
					Return Date	16/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-3909	PROCESS EQUIPMENT DATA SHEET - 10-P-3908 - PREDISTILLATION INHIBITOR DOSING PUMP	Class 1	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	09/04/2019	20/05/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G30-3910	Process Equipment Data Sheet - 10-D-3908 - Predistillation Inhibitor Drum	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	05/04/2019	20/05/2019												
					Issue Actual	05/04/2019	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01263	TPSK-LSPA1-T-PE-01826												
					Return Date	09/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-5100	PROCESS EQUIPMENT DATA SHEET - 10-D-5100 - DEAERATOR	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	09/10/2018	14/11/2018												
					Issue Actual	09/10/2018	14/11/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00151	TPSK-LSPA1-T-PE-00318	TPSK-LSPA1-T-PE-01174											
					Return Date	05/11/2018	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-5101	PROCESS EQUIPMENT DATA SHEET - 10-P-5100 - SHP BFW PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	08/10/2018	31/10/2018												
					Issue Actual	08/10/2018	31/10/2018	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00141	TPSK-LSPA1-T-PE-00251	TPSK-LSPA1-T-PE-01483											
					Return Date	26/10/2018	13/12/2018	17/06/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-5102	PROCESS EQUIPMENT DATA SHEET - 10-P-5102 - BFW PUMPS	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	08/10/2018	31/10/2018												
					Issue Actual	08/10/2018	31/10/2018	29/03/2019	25/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00141	TPSK-LSPA1-T-PE-00251	TPSK-LSPA1-T-PE-01196	TPSK-LSPA1-T-PE-01484										
					Return Date	26/10/2018	13/12/2018	07/06/2019	17/06/2019										
					Owner Cmmt*	R1	R1	R1	R1										
	PE	OL1-2G30-5103	PROCESS EQUIPMENT DATA SHEET - 10-E-5100 - DEARATOR VENT CONDENSER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	25/10/2018	26/11/2018												
					Issue Actual	25/10/2018	26/11/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00230	TPSK-LSPA1-T-PE-00366												
					Return Date	14/11/2018	10/12/2018												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5107	PROCESS EQUIPMENT DATA SHEET - 10-E-5112 - SUSPECT CONDENSATE FLASH DRUM VENT CONDENSER	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	01/12/2018	14/01/2019												
					Issue Actual	30/10/2018	14/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00243	TPSK-LSPA1-T-PE-00646												
					Return Date	14/11/2018	21/02/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5108	PROCESS EQUIPMENT DATA SHEET - 10-E-5110 - SUSPECT CONDENSATE COOLER	Class 1	Purpose**	IFR	IFD	IFD											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; / Execution; IMP = Issue for Implementation; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification					
					Rev.	A	B	C	
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	01/12/2018	14/01/2019		
					Issue Actual	30/10/2018	14/01/2019	19/06/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00243	TPSK-LSPA1-T-PE-00652	TPSK-LSPA1-T-PE-01918	
					Return Date	14/11/2018	21/02/2019	11/07/2019	
					Owner Cmmt*	R2	R1	R1	
	PE	OL1-2G30-5109	PROCESS EQUIPMENT DATA SHEET - 10-P-5110 - CONDENSATE PUMPS	Class 1	Purpose**	IFR	IFD	IFD	IFD
					Rev.	A	B	C	D
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	08/10/2018	31/10/2018		
					Issue Actual	08/10/2018	31/10/2018	14/03/2019	28/03/2019
					Transmittal no.	TPSK-LSPA1-T-PE-00141	TPSK-LSPA1-T-PE-00251	TPSK-LSPA1-T-PE-01051	TPSK-LSAP1-T-PE-01189
					Return Date	26/10/2018	13/12/2018	02/04/2019	09/05/2019
					Owner Cmmt*	R1	R2	R2	R2
	PE	OL1-2G30-5110	PROCESS EQUIPMENT DATA SHEET - 10-TK-5110 - CONDENSATE TANK	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	04/12/2018	18/03/2019		
					Issue Actual	27/11/2018	11/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00374	TPSK-LSPA1-T-PE-01017		
					Return Date	18/12/2018	27/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5111	PROCESS EQUIPMENT DATA SHEET - 10-P-5112 - SUSPECT CONDENSATE PUMPS	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	24/10/2018	26/11/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00219	TPSK-LSPA1-T-PE-00363		
					Return Date	14/11/2018	13/12/2018		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-5112	PROCESS EQUIPMENT DATA SHEET - 10-D-5112 - SUSPECT CONDENSATE FLASH DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	05/11/2018	14/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00274	TPSK-LSPA1-T-PE-00498		
					Return Date	10/12/2018	10/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5113	PROCESS EQUIPMENT DATA SHEET - 10-E-5113 - FOUL CONDENSATE COOLER	Class 1	Purpose**	IFR	IFD	IFD	IFD
					Rev.	A	B	C	D
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	25/10/2018	26/11/2018		
					Issue Actual	25/10/2018	26/11/2018	08/04/2019	17/04/2019
					Transmittal no.	TPSK-LSPA1-T-PE-00230	TPSK-LSPA1-T-PE-00366	TPSK-LSPA1-T-PE-01278	TPSK-LSPA1-T-PE-01406
					Return Date	14/11/2018	10/12/2018	07/06/2019	04/06/2019
					Owner Cmmt*	R2	R1	R1	R1
	PE	OL1-2G30-5114	PROCESS EQUIPMENT DATA SHEET - 10-D-5114 - LP CONDENSATE FLASH DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	05/11/2018	14/12/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00274	TPSK-LSPA1-T-PE-00498		
					Return Date	10/12/2018	10/01/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5115	PROCESS EQUIPMENT DATA SHEET - 10-PK-5115 - CONDENSATE CARBON FILTERS	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	20/12/2018	07/01/2019		
					Revised Plan	10/12/2018	31/01/2019		
					Issue Actual	26/11/2018	31/01/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00362	TPSK-LSPA1-T-PE-00778		
					Return Date	18/12/2018	21/02/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5120	PROCESS EQUIPMENT DATA SHEET - 10-TK-5120 - RAW CONDENSATE TANK	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	04/12/2018	18/03/2019		
					Issue Actual	26/11/2018	14/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00364	TPSK-LSPA1-T-PE-01055		
					Return Date	17/12/2018	29/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5121	PROCESS EQUIPMENT DATA SHEET - 10-P-5120 - RAW CONDENSATE PUMPS	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	24/10/2018	26/11/2018		
					Transmittal no.	TPSK-LSPA1-T-PE-00219	TPSK-LSPA1-T-PE-00363		
					Return Date	14/11/2018	13/12/2018		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-5125	PROCESS EQUIPMENT DATA SHEET - 10-PK-5125 - CONDENSATE POLISHER	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	20/12/2018	07/01/2019		
					Revised Plan	10/12/2018	31/01/2019		
					Issue Actual	27/11/2018	31/01/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00373	TPSK-LSPA1-T-PE-00778		
					Return Date	13/12/2018	21/02/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5140	PROCESS EQUIPMENT DATA SHEET - 10-D-5140 - INTERMITTENT BLOWDOWN DRUM	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		
					Issue Actual	19/11/2018	14/12/2018	05/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00331	TPSK-LSPA1-T-PE-00504	TPSK-LSPA1-T-PE-00988	
					Return Date	04/12/2018	10/01/2019	15/03/2019	
					Owner Cmmt*	R2	R2	R1	
	PE	OL1-2G30-5141	PROCESS EQUIPMENT DATA SHEET - 10-P-5140 - INTERMITTENT BLOWDOWN PUMPS	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	16/01/2019	14/03/2019		
					Issue Actual	24/10/2018	14/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00219	TPSK-LSPA1-T-PE-01051		
					Return Date	14/11/2018	02/04/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-5150	PROCESS EQUIPMENT DATA SHEET - 10-D-5150 - CONTINUOUS BLOWDOWN FLASH DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	16/01/2019		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual	19/11/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00331	TPSK-LSPA1-T-PE-00440											
					Return Date	04/12/2018	11/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5170	Process Data Sheet For General Purpose Steam Turbines - API 611-4TH - PT-5100 A-B SHP BFW Pumps Turb	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01875												
					Return Date													
					Owner Cmmt*													
	PL	OL1-2G30-5171	Process Data Sheet For General Purpose Steam Turbines - API 611-4TH - PT-5102 A VLP BFW Pump Turbine	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01875												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G30-5172	Process Data Sheet For General Purpose Steam Turbines Pt-5110A Condensate Pump Turbine	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01867												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G30-5200	PROCESS EQUIPMENT DATA SHEET - 10-D-5200 - FUEL GAS DRUM	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	16/01/2019											
					Issue Actual	19/11/2018	07/12/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00331	TPSK-LSPA1-T-PE-00440											
					Return Date	04/12/2018	04/01/2019											
					Owner Cmmt*	R2	TP											
	PE	OL1-2G30-5201	PROCESS EQUIPMENT DATA SHEET - 10-E-5200 - MP ETHYLENE SUPERHEATER	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/12/2018	15/02/2019											
					Issue Actual	05/11/2018	15/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00275	TPSK-LSPA1-T-PE-00853											
					Return Date	29/11/2018	13/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-5202	Process Equipment Datasheet - 10-D-5220 - MP Ethylene Superhtr Cond Pot	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	18/02/2019	18/02/2019											
					Issue Actual	10/01/2019	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00614	TPSK-LSPA1-T-PE--00836											
					Return Date	24/01/2019	27/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5210	PROCESS EQUIPMENT DATA SHEET - 10-E-5210 - PILOT GAS VAPORIZER	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	18/02/2019	18/03/2019											
					Revised Plan	01/12/2018	14/03/2019											
					Issue Actual	15/11/2018	14/03/2019	08/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00321	TPSK-LSPA1-T-PE-01054	TPSK-LSPA1-T-PE-01278										
					Return Date	13/12/2018	29/03/2019	07/06/2019										
					Owner Cmmt*	R2	R1	R1										
	PE	OL1-2G30-5211	PROCESS EQUIPMENT DATA SHEET - 10-D-5210 - PILOT GAS VAPORIZER COND POT	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	18/02/2019	25/03/2019											
					Revised Plan	16/01/2019	11/02/2019											
					Issue Actual	10/01/2019	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00614	TPSK-LSPA1-T-PE--00836											
					Return Date	24/01/2019	27/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5350	PROCESS EQUIPMENT DATA SHEET - 10-PK-5350 - COOLING TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	03/12/2018		26/12/2018										
					Revised Plan	12/10/2018	25/09/2018	16/01/2019										
					Issue Actual		25/09/2018	24/10/2018	25/03/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00082	TPSK-LSPA1-T-PE-00226	TPSK-LSPA1-T-PE-01150									
					Return Date		13/10/2018	14/11/2018	12/04/2019									
					Owner Cmmt*		A3	A1	R2									
	PE	OL1-2G30-5351	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5351 - OLEFINS CW PUMPS SUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	03/12/2018	26/12/2018											
					Revised Plan	16/01/2019	01/02/2019											
					Issue Actual	20/12/2018	01/02/2019											
					Transmittal no.	TPSK-LSPA-1-T-PE-00539	TPSK-LSPA1-T-PE-00791											
					Return Date	16/01/2019	13/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5352	PROCESS EQUIPMENT DATA SHEET - 10-P-5350 - OLEFINS COOLING WATER PUMPS	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	11/03/2019		01/04/2019										
					Revised Plan	22/09/2018	24/09/2018	14/11/2018										
					Issue Actual		24/09/2018	24/10/2018	26/10/2018									
					Transmittal no.		TPSK-LSPA1-T-PE-00075	TPSK-LSPA1-T-PE-00225	TPSK-LSPA1-T-PE-00075									
					Return Date		22/04/2019	14/11/2018	14/11/2018									
					Owner Cmmt*		A1	A1	A1									
	PE	OL1-2G30-5355	PROCESS EQUIPMENT DATA SHEET - 10-PK-5355 - SIDE STREAM FILTER PKG	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	03/12/2018		26/12/2018										
					Revised Plan	12/10/2018	25/09/2018	16/01/2019										
					Issue Actual		25/09/2018	24/10/2018	08/01/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00082	TPSK-LSPA1-T-PE-00226	TPSK-LSPA1-T-PE-00611									
					Return Date		13/10/2018	14/11/2018	24/01/2019									
					Owner Cmmt*		A3	A1	A1									
	PE	OL1-2G30-5360	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5360 - CTU CW PUMPS SUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	03/12/2018	26/12/2018											
					Revised Plan	16/01/2019	01/02/2019											
					Issue Actual	20/12/2018	01/02/2019											
					Transmittal no.	TPSK-LSPA-1-T-PE-00539	TPSK-LSPA1-T-PE-00791											
					Return Date	16/01/2019	13/03/2019											

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION			DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document	*Owner Feedback (Comment)	***Classification		
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001	10
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review		
		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information		
Owner:	Long Son Pterochemicals C0., Ltd.	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date	02/09/19
	Plant Name: PACKAGE A1: OLEFINS PLANT	IFP = Issue For Planning	/ Execution					
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFD = Issue For Design	CAN = Issue for Cancellation					
Document Code :				Period for Company's comment		Working Days		

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5361	PROCESS EQUIPMENT DATA SHEET - 10-P-5360 - CTU COOLING WATER PUMPS	Class 1	Purpose**	IFR	IFA	IFD	IFD	IFD									
					Rev.		A	B	C	D									
					Issue Plan	11/03/2019		01/04/2019											
					Revised Plan	22/09/2018	24/09/2018	14/11/2018											
					Issue Actual		24/09/2018	24/10/2018	26/10/2018	07/01/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00075	TPSK-LSPA1-T-PE-00225	TPSK-LSPA1-T-PE-00075	TPSK-LSPA1-T-PE-00593									
					Return Date		24/10/2018	14/11/2018	14/11/2018	04/02/2019									
					Owner Cmmt*		A3	A1	A1	R1									
	PE	OL1-2G30-5370	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5370 - CW FILTER BACKWASH SUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	03/12/2018	26/12/2018												
					Revised Plan	16/01/2019	01/02/2019												
					Issue Actual	20/12/2018	01/02/2019												
					Transmittal no.	TPSK-LSPA-1-T-PE-00539	TPSK-LSPA1-T-PE-00791												
					Return Date	16/01/2019	13/03/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5371	PROCESS EQUIPMENT DATA SHEET - 10-P-5370 - CW FILTER BACKWASH PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	16/04/2019												
					Issue Actual	10/01/2019	16/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00623	TPSK-LSPA1-T-PE-01366												
					Return Date	04/02/2019	24/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5390	PROCESS EQUIPMENT DATA SHEET - 10-PK-5390 - COPPER CORROSION INHIBITOR INJ PKG	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	01/12/2018	19/02/2019												
					Issue Actual	27/11/2018	19/02/2019	20/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00375	TPSK-LSPA1-T-PE-00877	TPSK-LSPA1-T-PE-01111											
					Return Date	13/12/2018	13/03/2019	10/04/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-5392	PROCESS EQUIPMENT DATA SHEET - 10-PK-5392 - MILD STEEL CORROSION INHIBITOR INJ PKG	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	01/12/2018	19/02/2019												
					Issue Actual	27/11/2018	19/02/2019	20/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00375	TPSK-LSPA1-T-PE-00890	TPSK-LSPA1-T-PE-01111											
					Return Date	13/12/2018	13/03/2019	10/04/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-5394	PROCESS EQUIPMENT DATA SHEET - 10-PK-5394 - DISPERSANT INJ PKG	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	01/12/2018	19/02/2019												
					Issue Actual	27/11/2018	19/02/2019	20/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00375	TPSK-LSPA1-T-PE-00877	TPSK-LSPA1-T-PE-01111											
					Return Date	13/12/2018	13/03/2019	10/04/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-5397	PROCESS EQUIPMENT DATA SHEET - 10-PK-5397 - NON-OXIDIZING BIOCIDE INJ PKG	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	01/12/2018	19/02/2019												
					Issue Actual	27/11/2018	19/02/2019	20/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00375	TPSK-LSPA1-T-PE-00877	TPSK-LSPA1-T-PE-01111											
					Return Date	13/12/2018	13/03/2019	10/04/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-5400	PROCESS EQUIPMENT DATA SHEET - 10-D-5400 - INSTRUMENT AIR RECEIVER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	06/02/2019												
					Issue Actual	13/12/2018	06/02/2019	04/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00485	TPSK-LSPA1-T-PE-00800	TPSK-LSPA1-T-PE-00983											
					Return Date	07/01/2019	13/03/2019	13/03/2019											
					Owner Cmmt*	R2	R1	R1											
	PE	OL1-2G30-5500	PROCESS EQUIPMENT DATA SHEET - 10-D-5500 - WARM FLARE DRUM	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	12/10/2018	16/01/2019												
					Issue Actual	12/10/2018	05/12/2018	11/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00168	TPSK-LSPA1-T-PE-00417	TPSK-LSPA1-T-PE-01020											
					Return Date	14/11/2018	04/01/2019	27/03/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5501	PROCESS EQUIPMENT DATA SHEET - 10-P-5500 - HOT BLOWDOWN PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	27/12/2018	30/01/2019												
					Issue Actual	27/12/2018	30/01/2019	11/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00569	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01022											
					Return Date	24/01/2019	05/03/2019	27/03/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-5510	PROCESS EQUIPMENT DATA SHEET - 10-D-5510 - COLD FLARE DRUM	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	25/03/2019												
					Revised Plan	16/01/2019	18/03/2019												
					Issue Actual	29/11/2018	11/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00397	TPSK-LSPA1-T-PE-01018												
					Return Date	04/01/2019	27/03/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5511	PROCESS EQUIPMENT DATA SHEET - 10-E-5510 - COLD FLARE BLOWDOWN VAPORIZER	Class 1	Purpose**	IFR	IFR	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019		18/03/2019											
					Revised Plan	16/01/2019		04/04/2019											
					Issue Actual	03/01/2019	11/01/2019	04/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00575	TPSK-LSPA1-T-PE-00626	TPSK-LSPA1-T-PE-01261											
					Return Date	13/03/2019	04/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5512	PROCESS EQUIPMENT DATA SHEET - 10-E-5512 - COLD FLARE SUPERHEATER	Class 1	Purpose**	IFR	IFR	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019		18/03/2019											
					Revised Plan	16/01/2019		26/03/2019											
					Issue Actual	03/01/2019	11/01/2019	26/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00575	TPSK-LSPA1-T-PE-00626	TPSK-LSPA1-T-PE-01161											
					Return Date	13/03/2019	04/02/2019	11/04/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-5513	PROCESS EQUIPMENT DATA SHEET - 10-E-5513 - METHANOL VAPORIZER	Class 1	Purpose**	IFR	IFR	IFD											
					Rev.	A	B	C											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification					
					Issue Plan	18/02/2019		18/03/2019	
					Revised Plan	16/01/2019		26/03/2019	
					Issue Actual	03/01/2019	11/01/2019	26/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00575	TPSK-LSPA1-T-PE-00626	TPSK-LSPA1-T-PE-01161	
					Return Date	13/03/2019	04/02/2019	11/04/2019	
					Owner Cmmt*	R2	R1	R1	
	PE	OL1-2G30-5514	PROCESS EQUIPMENT DATA SHEET - 10-D-5513 - METHANOL VAPROIZER COND POT	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	01/02/2019		
					Issue Actual	10/01/2019	01/02/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00614	TPSK-LSPA1-T-PE-00785		
					Return Date	24/01/2019	13/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5515	PROCESS EQUIPMENT DATA SHEET - 10-D-5515 - METHANOL MAKE-UP DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	18/03/2019		
					Issue Actual	20/12/2018	14/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00527	TPSK-LSPA1-T-PE-01052		
					Return Date	24/01/2019	29/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5520	PROCESS EQUIPMENT DATA SHEET - 10-D-5520 - VENT COLLECTION DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	15/02/2019		
					Issue Actual	26/11/2018	15/02/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00365	TPSK-LSPA1-T-PE-00856		
					Return Date	13/12/2018	13/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5521	PROCESS EQUIPMENT DATA SHEET - 10-PK-5520 - LP VENT BLOWER PKG	Class 1	Purpose**	IFR	CAN		
					Rev.	A	0		
					Issue Plan				
					Revised Plan	19/11/2018	20/03/2019		
					Issue Actual	19/11/2018	20/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00332	TPSK-LSPA1-T-PE-01112		
					Return Date	06/12/2018	10/04/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-5522	Process Equipment Datasheet - 10-C-5520 A-B - LP Vent Blowers	Class 2	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	07/12/2018	02/01/2019		
					Revised Plan	18/02/2019	18/02/2019		
					Issue Actual	20/12/2018	11/02/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00528	TPSK-LSPA1-T-PE-00837		
					Return Date	24/01/2019	13/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5550	PROCESS EQUIPMENT DATA SHEET - 10-D-5550 - HP FLARE KNOCK OUT DRUM	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	12/10/2018	16/01/2019		
					Issue Actual	08/10/2018	07/12/2018	11/03/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00142	TPSK-LSPA1-T-PE-00440	TPSK-LSPA1-T-PE-01020	
					Return Date	26/10/2018	04/01/2019	27/03/2019	
					Owner Cmmt*	R2	R2	R1	
	PE	OL1-2G30-5551	PROCESS EQUIPMENT DATA SHEET - 10-P-5550 - HP FLARE KNOCK OUT DRUM PUMPS	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	27/12/2018	30/01/2019		
					Issue Actual	27/12/2018	30/01/2019	16/04/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00569	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01366	
					Return Date	24/01/2019	05/03/2019	24/05/2019	
					Owner Cmmt*	R1	R2	R1	
	PE	OL1-2G30-5552	PROCESS EQUIPMENT DATA SHEET - 10-D-5552 - LPG STORAGE DRUM	Class 1	Purpose**	IFR	IFD	IFD	IFD
					Rev.	A	B	C	D
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	18/03/2019		
					Issue Actual	07/12/2018	07/03/2019	04/04/2019	16/05/2019
					Transmittal no.	TPSK-LSPA1-T-PE-00439	TPSK-LSPA1-T-PE-01008	TPSK-LSPA1-T-PE-01260	TPSK-LSPA1-T-PE-01677
					Return Date	27/12/2018	27/03/2019	09/05/2019	04/06/2019
					Owner Cmmt*	R2	R2	R2	R1
	PE	OL1-2G30-5553	PROCESS EQUIPMENT DATA SHEET - 10-E-5552 - LPG VAPORIZER / SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	18/03/2019		
					Revised Plan	16/01/2019	18/03/2019		
					Issue Actual	10/01/2019	14/03/2019	06/05/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00622	TPSK-LSPA1-T-PE-01054	TPSK-LSPA1-T-PE-01589	
					Return Date	04/02/2019	29/03/2019		
					Owner Cmmt*	R1	R1		
	PE	OL1-2G30-5555	Process Equipment Datasheet - 10-D-5553 - LPG Vaporizer - Superhtr Cond Pot	Class 2	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	18/02/2019	11/03/2019		
					Issue Actual	10/01/2019	11/03/2019	06/05/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00619	TPSK-LSPA1-T-PE-01018	TPSK-LSPA1-T-PE-01590	
					Return Date	04/02/2019	27/03/2019	17/06/2019	
					Owner Cmmt*	R2	R1	R1	
	PE	OL1-2G30-5560	PROCESS EQUIPMENT DATA SHEET - 10-PK-5560 - HP/LLDPE LP FLARE PACKAGE	Class 1	Purpose**	IFR	IFD	IFD	
					Rev.	A	B	C	
					Issue Plan	07/12/2018	02/01/2019		
					Revised Plan	16/01/2019	18/03/2019		
					Issue Actual	29/11/2018	07/03/2019	26/04/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-00398	TPSK-LSPA1-T-PE-01007	TPSK-LSPA1-T-PE-01506	
					Return Date	13/12/2018	29/03/2019	17/06/2019	
					Owner Cmmt*	R2	R2	R1	
	PE	OL1-2G30-5565	PROCESS EQUIPMENT DATA SHEET- 10-D-5565 - LLDPE LP FLARE KNOCK OUT DRUM	Class 1	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	18/02/2019	25/03/2019		
					Revised Plan	16/01/2019	05/03/2019		
					Issue Actual	20/12/2018	05/03/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-00558	TPSK-LSPA1-T-PE-00989		
					Return Date	22/01/2019	21/03/2019		
					Owner Cmmt*	R2	R1		
	PE	OL1-2G30-5566	Process Equipment Datasheet - 10-P-5565 A-B - Polyolefins Flare Knock-out Pumps	Class 2	Purpose**	IFR	IFD		
					Rev.	A	B		
					Issue Plan	11/03/2019	01/04/2019		
					Revised Plan	18/02/2019	16/04/2019		
					Issue Actual	10/01/2019	16/04/2019		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-PE-00623	TPSK-LSPA1-T-PE-01366											
					Return Date	04/02/2019	24/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5570	PROCESS EQUIPMENT DATA SHEET - 10-PK-5570 - ENCLOSED GROUND FLARE PACKAGE	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	07/12/2018	02/01/2019											
					Revised Plan	01/03/2019	12/04/2019											
					Issue Actual	01/03/2019	11/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00959	TPSK-LSPA1-T-PE-01326											
					Return Date	21/03/2019	16/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5600	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5600 - PYGAS AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	11/02/2019											
					Issue Actual	07/01/2019	11/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5601	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5601 - BUTADIENE AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	07/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5602	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5602 - QW AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	07/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5603	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5603 - CGC AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	07/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5604	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5604 - REFRIG AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	07/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5605	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5605 - FURNACE AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	07/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5606	PROCESS EQUIPMENT DATA SHEET - 10-P-5600 - PYGAS AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	16/01/2019	31/01/2019											
					Issue Actual	03/01/2019	31/01/2019	14/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00779	TPSK-LSPA1-T-PE-01051										
					Return Date	22/01/2019	04/03/2019	02/04/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5607	PROCESS EQUIPMENT DATA SHEET - 10-P-5601 - BUTADIENE AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	16/01/2019	30/01/2019											
					Issue Actual	03/01/2019	30/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774											
					Return Date	22/01/2019	05/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-5608	PROCESS EQUIPMENT DATA SHEET - 10-P-5602 - QW AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	16/01/2019	30/01/2019											
					Issue Actual	03/01/2019	30/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774											
					Return Date	22/01/2019	05/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-5609	PROCESS EQUIPMENT DATA SHEET - 10-P-5603 - CGC AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	16/01/2019	30/01/2019											
					Issue Actual	03/01/2019	30/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774											
					Return Date	22/01/2019	05/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-5610	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5610 - HYDROBLAST SUMP	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/01/2019	08/04/2019											
					Issue Actual	07/01/2019	08/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-01281											
					Return Date	04/02/2019	07/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G30-5611	PROCESS EQUIPMENT DATA SHEET - 10-P-5610 - HYDROBLAST PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	16/01/2019	14/03/2019											
					Issue Actual	07/01/2019	14/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00590	TPSK-LSPA1-T-PE-01051											
					Return Date	24/01/2019	02/04/2019											
					Owner Cmmt*	R1	R1											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
	PE	OL1-2G30-5612	PROCESS EQUIPMENT DATA SHEET - 10-F-5610 - HYDROBLAST FILTER	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	07/12/2018	02/01/2019												
					Revised Plan	10/12/2018	07/03/2019												
					Issue Actual	10/12/2018	07/03/2019	04/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00454	TPSK-LSPA1-T-PE-01009	TPSK-LSPA1-T-PE-01259											
					Return Date	11/03/2019	27/03/2019	09/05/2019											
					Owner Cmmt*	R1	R2	R1											
	PE	OL1-2G30-5613	PROCESS EQUIPMENT DATA SHEET - 10-P-5604 - REFRIG AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	30/01/2019												
					Issue Actual	03/01/2019	30/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774												
					Return Date	22/01/2019	05/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5614	PROCESS EQUIPMENT DATA SHEET - 10-P-5605 - FURNACE AREA OILY WATER PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	31/01/2019												
					Issue Actual	03/01/2019	31/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00779												
					Return Date	22/01/2019	04/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5615	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5615 - OLEFINS STORMWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	01/03/2019												
					Issue Actual	11/01/2019	01/03/2019	14/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00636	TPSK-LSPA1-T-PE-00960	TPSK-LSPA1-T-PE-01068											
					Return Date	04/02/2019	14/03/2019	02/04/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5616	PROCESS EQUIPMENT DATA SHEET - 10-P-5615 - OLEFINS STORMWATER SUMP PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	30/01/2019												
					Issue Actual	03/01/2019	30/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00576	TPSK-LSPA1-T-PE-00774												
					Return Date	22/01/2019	05/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5620	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5620 - OLEFINS HOLDING BASIN	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	01/03/2019												
					Issue Actual	07/01/2019	01/03/2019	14/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00960	TPSK-LSPA1-T-PE-01068											
					Return Date	04/02/2019	14/03/2019	02/04/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5621	PROCESS EQUIPMENT DATA SHEET - 10-P-5621 - OLEFINS HOLDING BASIN SKIM OIL PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	30/01/2019												
					Issue Actual	03/01/2019	30/01/2019	11/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00576	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01022											
					Return Date	22/01/2019	05/03/2019	27/03/2019											
					Owner Cmmt*	R1	R2	R1											
	PE	OL1-2G30-5622	PROCESS EQUIPMENT DATA SHEET - 10-P-5620 - OLEFINS HOLDING BASIN PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	04/04/2019												
					Issue Actual	11/01/2019	04/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00635	TPSK-LSPA1-T-PE-01255												
					Return Date	04/02/2019	09/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G30-5623	Process Equipment Datasheet - 10-P-5626 A-B - Gate House Septic Tank Pumps	Class 2	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	03/01/2019	30/01/2019	25/03/2019	04/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01152	TPSK-LSPA1-T-PE-01255										
					Return Date	22/01/2019	05/03/2019	12/04/2019											
					Owner Cmmt*	R1	R1	R1											
	PE	OL1-2G30-5624	Process Equipment Datasheet - 10-P-5627 A-B - West Gate House Septic Tank Pumps	Class 2	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	03/01/2019	30/01/2019	25/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01152											
					Return Date	22/01/2019	05/03/2019	12/04/2019											
					Owner Cmmt*	R1	R2	R1											
	PE	OL1-2G30-5625	PROCESS EQUIPMENT DATA SHEET - 10-PK-5625 - SANITARY LIFT STATION IFAR 1	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	03/01/2019	30/01/2019	25/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01152											
					Return Date	22/01/2019	05/03/2019	12/04/2019											
					Owner Cmmt*	R1	R2	R1											
	PE	OL1-2G30-5626	PROCESS EQUIPMENT DATA SHEET - 10-PK-5626 - SANITARY LIFT STATION IFAR 2	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	11/02/2019												
					Issue Actual	07/01/2019	11/02/2019	04/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-01257											
					Return Date	04/02/2019	27/03/2019	16/05/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5627	PROCESS EQUIPMENT DATA SHEET - 10-PK-5627 - SANITARY LIFT STATION WEST GATE HOUSE	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	11/02/2019												
					Issue Actual	07/01/2019	11/02/2019	04/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-01257											
					Return Date	04/02/2019	27/03/2019	16/05/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5628	PROCESS EQUIPMENT DATA SHEET - 10-PK-5628 - SANITARY LIFT STATION EAST GATE HOUSE	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

****Revision Purpose of Issued Document**

IFR = Issue For Review
IFA = Issue For Approval
IFC = Issue For Construction
IFI = Issue For Information
IFP = Issue For Planning
IFD = Issue For Design
IFF = Issue For Final
ASB = Issue For As-Built
AFC = Approved for Construction
IMP = Issue for Implementation
/ Execution
CAN = Issue for Cancellation

***Owner Feedback (Comment)**

A1 = App. w/o comments
A2 = App. with comments, re-submit not required
A3 = App. with comments, re-submit for review
A4 = Not App., re-submit for approval
R1 = No comments
R2 = Comments as noted

*****Classification**

Class 1 = For Approval
Class 2 = For Review
Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	16/01/2019	11/02/2019												
					Issue Actual	07/01/2019	11/02/2019	04/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-01257											
					Return Date	04/02/2019	27/03/2019	16/05/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5630	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5630 - CT AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	11/02/2019												
					Issue Actual	07/01/2019	11/02/2019	04/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-00982											
					Return Date	04/02/2019	27/03/2019	13/03/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5631	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5631 - CWWT AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	11/02/2019												
					Issue Actual	07/01/2019	11/02/2019	04/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-00982											
					Return Date	04/02/2019	27/03/2019	13/03/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5632	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5632 - HP FLARE AREA OILY WASTEWATER SUMP	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	11/02/2019												
					Issue Actual	07/01/2019	11/02/2019	04/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00838	TPSK-LSPA1-T-PE-00982											
					Return Date	04/02/2019	27/03/2019	13/03/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5633	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5633 - HP FLARE AREA STORMWATER SUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/01/2019	01/03/2019												
					Issue Actual	11/01/2019	01/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00636	TPSK-LSPA1-T-PE-00960												
					Return Date	04/02/2019	14/03/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5635	PROCESS EQUIPMENT DATA SHEET - 10-P-5630 - CT AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	30/01/2019												
					Issue Actual	03/01/2019	30/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774												
					Return Date	22/01/2019	05/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5636	PROCESS EQUIPMENT DATA SHEET - 10-P-5631 - CWWT AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	30/01/2019												
					Issue Actual	03/01/2019	30/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774												
					Return Date	22/01/2019	05/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5637	PROCESS EQUIPMENT DATA SHEET - 10-P-5632 - HP FLARE AREA OILY WASTEWATER SUMP PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	14/03/2019												
					Issue Actual	03/01/2019	11/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00576	TPSK-LSPA1-T-PE-01019												
					Return Date	22/01/2019	27/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5638	PROCESS EQUIPMENT DATA SHEET - 10-P-5633 - HP FLARE AREA STORMWATER SUMP PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	11/03/2019												
					Issue Actual	03/01/2019	11/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00576	TPSK-LSPA1-T-PE-01019												
					Return Date	22/01/2019	27/03/2019												
					Owner Cmmt*	R1	R1												
	PE	OL1-2G30-5640	PROCESS EQUIPMENT DATA SHEET - 10-TK-5640 - OILY WASTEWATER EQUALIZATION TANKS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	06/02/2019	27/03/2019												
					Issue Actual	06/02/2019	27/03/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00809	TPSK-LSPA1-T-PE-01176	TPSK-LSPA1-T-PE-01920											
					Return Date	15/03/2019	22/04/2019	15/07/2019											
					Owner Cmmt*	R1	R2	R2											
	PE	OL1-2G30-5641	PROCESS EQUIPMENT DATA SHEET - 10-P-5641 - WASTEWATER EQ TANK SKIMMED OIL PUMP	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	06/02/2019	25/03/2019												
					Issue Actual	06/02/2019	25/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01152												
					Return Date	15/03/2019	12/04/2019												
					Owner Cmmt*	R2	CL												
	PE	OL1-2G30-5642	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5642 - COOLING WATER BLOWDOWN BASIS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	06/02/2019	26/04/2019												
					Issue Actual	06/02/2019	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00808	TPSK-LSPA1-T-PE-01511												
					Return Date	15/03/2019	17/06/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5643	PROCESS EQUIPMENT DATA SHEET - 10-P-5642 - COOLING WATER BD BASIN PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	06/02/2019	30/04/2019												
					Issue Actual	06/02/2019	01/05/2019	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01543	TPSK-LSPA1-T-PE-01981											
					Return Date	15/03/2019	17/06/2019	17/07/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5644	PROCESS EQUIPMENT DATA SHEET - 10-PK-5644 - WASTE WATER CPI / IGF PACKAGE	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	06/11/2018	07/12/2018												
					Issue Actual	06/11/2018	07/12/2018	01/02/2019	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00281	TPSK-LSPA1-T-PE-00442	TPSK-LSPA1-T-PE-00797	TPSK-LSPA1-T-PE-01606										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date	26/11/2018	04/01/2019	04/03/2019	19/06/2019									
					Owner Cmmt*	R2	R2	R2	R2									
	PE	OL1-2G30-5645	PROCESS EQUIPMENT DATA SHEET - 10-P-5640 - OILY WASTEWATER EQ TANK PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	06/02/2019	27/03/2019											
					Issue Actual	06/02/2019	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01177											
					Return Date	15/03/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G30-5646	Process Equipment Datasheet - 10-PIT-5606 - C3 Hydrog Area Oily Wastewater Sump	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	18/02/2019	18/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5647	Process Equipment Datasheet - 10-PIT-5607 - Flare KO Drum Oily Wastewater Sump	Class 2	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	18/02/2019	18/02/2019											
					Issue Actual	07/01/2019	07/02/2019	04/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00589	TPSK-LSPA1-T-PE-00819	TPSK-LSPA1-T-PE-00982										
					Return Date	04/02/2019	27/03/2019	13/03/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5648	Process Equipment Datasheet - 10-P-5606 A-B - C3 Hydrog Area Oily Wastewater Pump	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	18/02/2019	18/02/2019											
					Issue Actual	03/01/2019	30/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00774											
					Return Date	22/01/2019	05/03/2019											
					Owner Cmmt*	R1	R1											
	PE	OL1-2G30-5649	Process Equipment Datasheet - 10-P-5607 A-B - Flare KO Drum Oily Wastewater Pump	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	18/02/2019	18/02/2019											
					Issue Actual	03/01/2019	31/01/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00572	TPSK-LSPA1-T-PE-00779											
					Return Date	22/01/2019	04/03/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5650	PROCESS EQUIPMENT DATA SHEET - 10-PK-5650 - BIO TREATMENT UNIT	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	06/11/2018	07/12/2018											
					Issue Actual	06/11/2018	07/12/2018	01/02/2019	07/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00281	TPSK-LSPA1-T-PE-00442	TPSK-LSPA1-T-PE-00797	TPSK-LSPA1-T-PE-01606									
					Return Date	26/11/2018	04/01/2019	04/03/2019	19/06/2019									
					Owner Cmmt*	R2	R2	R2	R2									
	PE	OL1-2G30-5652	Process Equipment Datasheet - 10-P-5653 - Bio Equalization Pit Sludge Pump	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	30/05/2019	25/06/2019											
					Issue Actual	30/05/2019	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE--01775	TPSK-LSPA1-T-PE-01981											
					Return Date		17/07/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G30-5653	PROCESS EQUIPMENT DATA SHEET - 10-PK-5655 - WASTEWATER DUAL MEDIA FILTERS PKG	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	06/11/2018	07/12/2018											
					Issue Actual	06/11/2018	07/12/2018	01/02/2019	07/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00282	TPSK-LSPA1-T-PE-00441	TPSK-LSPA1-T-PE-00798	TPSK-LSPA1-T-PE-01607									
					Return Date	26/11/2018	04/01/2019	11/03/2019	19/06/2019									
					Owner Cmmt*	R2	R2	R1	R2									
	PE	OL1-2G30-5654	PROCESS EQUIPMENT DATA SHEET - 10-P-5655 - EQUALIZATION PIT PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	06/02/2019	25/03/2019											
					Issue Actual	06/02/2019	25/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01152											
					Return Date	15/03/2019	12/04/2019											
					Owner Cmmt*	R2	CL											
	PE	OL1-2G30-5655	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5655 - EQUALIZATION PIT	Class 1	Purpose**	IFR	IFD	IFD										
					Rev.	A	B	C										
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	06/02/2019	27/03/2019											
					Issue Actual	06/02/2019	27/03/2019	25/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00808	TPSK-LSPA1-T-PE-01178	TPSK-LSPA1-T-PE-01981										
					Return Date	15/03/2019	09/05/2019	17/07/2019										
					Owner Cmmt*	R2	R2	R1										
	PE	OL1-2G30-5656	PROCESS EQUIPMENT DATA SHEET - 10-PIT-5656 - FINAL CHECK BASIN	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	06/02/2019	27/03/2019											
					Issue Actual	06/02/2019	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00808	TPSK-LSPA1-T-PE-01178											
					Return Date	15/03/2019	04/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5657	PROCESS EQUIPMENT DATA SHEET - 10-P-5656 - FINAL CHECK BASIN PUMPS	Class 1	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan	11/03/2019	01/04/2019											
					Revised Plan	06/02/2019	26/04/2019											
					Issue Actual	06/02/2019	26/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01512											
					Return Date	15/03/2019	17/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G30-5670	PROCESS EQUIPMENT DATA SHEET - 10-PK-5670 - DEWATERING PACKAGE	Class 1	Purpose**	IFR	IFD	IFD	IFD									
					Rev.	A	B	C	D									
					Issue Plan	13/12/2018	10/01/2019											
					Revised Plan	06/11/2018	07/12/2018											
					Issue Actual	06/11/2018	07/12/2018	01/02/2019	07/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00281	TPSK-LSPA1-T-PE-00442	TPSK-LSPA1-T-PE-00797	TPSK-LSPA1-T-PE-01606									
					Return Date	26/11/2018	04/01/2019	04/03/2019	19/06/2019									
					Owner Cmmt*	R2	R2	R2	R2									
	PE	OL1-2G30-5674	PROCESS EQUIPMENT DATA SHEET - 10-P-5675 - SLOP OIL TRANSFER PUMPS	Class 1	Purpose**	IFR	IFD											

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION			DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document	*Owner Feedback (Comment)	***Classification	LSP-2W91-0001	10
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution			
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment	Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	06/02/2019	25/03/2019												
					Issue Actual	06/02/2019	25/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01152												
					Return Date	15/03/2019	12/04/2019												
					Owner Cmmt*	R2	CL												
	PE	OL1-2G30-5675	PROCESS EQUIPMENT DATA SHEET - 10-TK-5675 - SLOP OIL TANKS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	06/02/2019	27/03/2019												
					Issue Actual	06/02/2019	27/03/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00809	TPSK-LSPA1-T-PE-01176	TPSK-LSPA1-T-PE-01920											
					Return Date	15/03/2019	22/04/2019	15/07/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5676	PROCESS EQUIPMENT DATA SHEET - 10-TK-5676 - OILY SLUDGE TANK	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan														
					Revised Plan	06/02/2019	27/03/2019	19/06/2019											
					Issue Actual	06/02/2019	27/03/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00809	TPSK-LSPA1-T-PE-01176	TPSK-LSPA1-T-PE-01920											
					Return Date	15/03/2019	22/04/2019	15/07/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5677	PROCESS EQUIPMENT DATA SHEET - 10-P-5676 - OILY SLUDGE TRANSFER PUMPS	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	06/02/2019	25/03/2019												
					Issue Actual	06/02/2019	25/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00810	TPSK-LSPA1-T-PE-01152												
					Return Date	15/03/2019	12/04/2019												
					Owner Cmmt*	R2	CL												
	PE	OL1-2G30-5690	PROCESS EQUIPMENT DATA SHEET - 10-PK-5690 - SLOP TANK POLYMER INJECTION PKG	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	07/02/2019	08/04/2019												
					Issue Actual	07/02/2019	08/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00821	TPSK-LSPA1-T-PE-01274												
					Return Date	14/03/2019	16/05/2019												
					Owner Cmmt*	R1	R2												
	PE	OL1-2G30-5691	Process Equipment Datasheet - 10-PK-5691 - Slop Tank Acid Injection Pkg	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	18/02/2019	08/04/2019												
					Issue Actual	07/02/2019	08/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00821	TPSK-LSPA1-T-PE-01274												
					Return Date	14/03/2019	16/05/2019												
					Owner Cmmt*	R1	R2												
	PE	OL1-2G30-5692	PROCESS EQUIPMENT DATA SHEET - 10-PK-5692 - SLOP OIL TANK ACID INJECTION PKG	Class 1	Purpose**	IFR	IFD												
					Rev.														
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	16/04/2019	16/04/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G30-5695	Process Equipment Datasheet - 10-PK-5695 - Bio Treat Sulfuric Acid Inj Pkg	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	09/05/2019													
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01629													
					Return Date	04/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-5698	Process Equipment Datasheet - 10-PK-5698 - Bio Treat Caustic Inj Pkg	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	09/05/2019													
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01629													
					Return Date	04/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G30-5900	PROCESS EQUIPMENT DATA SHEET - 10-TK-5900 - SULFURIC ACID TANK	Class 1	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	04/12/2018	16/01/2019												
					Issue Actual	26/11/2018	14/01/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00364	TPSK-LSPA1-T-PE-00647												
					Return Date	17/12/2018	04/02/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5901	PROCESS EQUIPMENT DATA SHEET - 10-P-5900 - SULFURIC ACID PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	28/01/2019	27/03/2019												
					Issue Actual	28/01/2019	27/03/2019	16/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00738	TPSK-LSPA1-T-PE-01177	TPSK-LSPA1-T-PE-01678											
					Return Date	04/03/2019	09/05/2019	04/06/2019											
					Owner Cmmt*	R2	R2	R2											
	PE	OL1-2G30-5902	Process Equipment Datasheet - 10-P-5901 A-B - Sulfuric Acid Metering Pumps	Class 2	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	18/02/2019	18/02/2019												
					Issue Actual	27/12/2018	30/01/2019	21/03/2019	11/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00569	TPSK-LSPA1-T-PE-00774	TPSK-LSPA1-T-PE-01129	TPSK-LSPA1-T-PE-01323										
					Return Date	24/01/2019	05/03/2019	04/04/2019	16/05/2019										
					Owner Cmmt*	R1	R2	R2	R1										
	PE	OL1-2G30-5905	Process Equipment Datasheet - 10-P-5905 A-B - CTU Sulfuric Acid Metering Pumps	Class 2	Purpose**	IFD	IFD												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	21/03/2019	11/04/2019												
					Issue Actual	21/03/2019	11/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01129	TPSK-LSPA1-T-PE-01323												
					Return Date	04/04/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G30-5910	PROCESS EQUIPMENT DATA SHEET - 10-PK-5910 - OXYGEN SCAVENGER INJ PKG	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	10/12/2018	25/01/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Issue Actual	10/12/2018	25/01/2019	14/03/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00456	TPSK-LSPA1-T-PE-00727	TPSK-LSPA1-T-PE-01063	TPSK-LSPA1-T-PE-01111										
					Return Date	04/01/2019	04/03/2019	02/04/2019	10/04/2019										
					Owner Cmmt*	R2	R2	R2	R1										
	PE	OL1-2G30-5912	PROCESS EQUIPMENT DATA SHEET - 10-PK-5912 - NEUTRALIZING AMINE INHIBITOR INJ PKG	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	10/12/2018	25/01/2019												
					Issue Actual	10/12/2018	25/01/2019	14/03/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00456	TPSK-LSPA1-T-PE-00727	TPSK-LSPA1-T-PE-01063	TPSK-LSPA1-T-PE-01111										
					Return Date	04/01/2019	04/03/2019	02/04/2019	10/04/2019										
					Owner Cmmt*	R2	R2	R2	R1										
	PE	OL1-2G30-5914	PROCESS EQUIPMENT DATA SHEET - 10-PK-5914 - PHOSPHATE INJECTION PACKAGE	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	13/12/2018	10/01/2019												
					Revised Plan	10/12/2018	28/01/2019												
					Issue Actual	10/12/2018	28/01/2019	14/03/2019	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00456	TPSK-LSPA1-T-PE-00739	TPSK-LSPA1-T-PE-01063	TPSK-LSPA1-T-PE-01111										
					Return Date	04/01/2019	04/03/2019	02/04/2019	10/04/2019										
					Owner Cmmt*	R2	R2	R2	R1										
	PE	OL1-2G30-5950	PROCESS EQUIPMENT DATA SHEET - 10-TK-5950 - SODIUM HYPOCHLORITE TANK	Class 1	Purpose**	IFR	IFD	IFD	IFD										
					Rev.	A	B	C	D										
					Issue Plan	18/02/2019	18/03/2019												
					Revised Plan	04/12/2018	18/03/2019												
					Issue Actual	04/12/2018	14/03/2019	04/04/2019	16/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00406	TPSK-LSPA1-T-PE-01055	TPSK-LSPA1-T-PE-01258	TPSK-LSPA1-T-PE-01679										
					Return Date	22/01/2019	29/03/2019	09/05/2019	04/06/2019										
					Owner Cmmt*	R2	R2	R2	R1										
	PE	OL1-2G30-5951	PROCESS EQUIPMENT DATA SHEET - 10-P-5950 - SODIUM HYPOCHLORITE METERING PUMPS	Class 1	Purpose**	IFR	IFD	IFD											
					Rev.	A	B	C											
					Issue Plan	11/03/2019	01/04/2019												
					Revised Plan	16/01/2019	21/03/2019												
					Issue Actual	27/12/2018	21/03/2019	11/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00569	TPSK-LSPA1-T-PE-01129	TPSK-LSPA1-T-PE-01323											
					Return Date	24/01/2019	04/04/2019	16/05/2019											
					Owner Cmmt*	R2	R2	R1											
	PE	OL1-2G30-5955	Process Equipment Datasheet - 10-P-5955 A-B - CTU NaOCL Metering Pumps	Class 2	Purpose**	IFD	IFD												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	21/03/2019	11/04/2019												
					Issue Actual	21/03/2019	11/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01129	TPSK-LSPA1-T-PE-01323												
					Return Date	04/04/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-4G30-1001	See document number 036909C-1011-PDS-0117-1101 or OL1-2G30-1101	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	01/10/2018													
					Issue Actual	01/10/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00117													
					Return Date														
					Owner Cmmt*														
	PE	OL1-4G30-1008	See document number 036909C-1011-PDS-0630-1108 or OL1-2G30-1108	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/09/2018													
					Issue Actual	19/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00066													
					Return Date	11/02/2019													
					Owner Cmmt*	R1													
	PE	OL1-4G30-1009	See document number 036909C-1011-PDS-0610-1109 or OL1-2G30-1109	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/09/2018													
					Issue Actual	19/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00066													
					Return Date														
					Owner Cmmt*														
	PE	OL1-4G30-1010	See document number 036909C-1011-PDS-0610-1110 or OL1-2G30-1110	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/09/2018													
					Issue Actual	19/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00066													
					Return Date														
					Owner Cmmt*														
	PE	OL1-4G30-1011	See document number 036909C-1011-PDS-1040-1111 or OL1-2G30-1111	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/09/2018													
					Issue Actual	26/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00090													
					Return Date	12/10/2018													
					Owner Cmmt*	R1													
	PE	OL1-4G30-2001	See document number 036909C-1012-PDS-0117-1201 or OL1-2G30-1201	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	01/10/2018													
					Issue Actual	01/10/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00117													
					Return Date														
					Owner Cmmt*														
	PE	OL1-4G30-2008	See document number 036909C-1012-PDS-0630-1208 or OL1-2G30-1208	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/09/2018													
					Issue Actual	19/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00066													
					Return Date														
					Owner Cmmt*														
	PE	OL1-4G30-2009	See document number 036909C-1012-PDS-0610-1209 or OL1-2G30-1209	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/09/2018													
					Issue Actual	19/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00066													
					Return Date														

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION			DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document	*Owner Feedback (Comment)	***Classification		
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001	10
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review		
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information		
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date	02/09/19
		IFP = Issue For Planning	/ Execution					
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation					

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*														
	PE	OL1-4G30-2011	See document number 036909C-1012-PDS-1040-1211 or OL1-2G30-1211	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/09/2018													
					Issue Actual	26/09/2018													
					Transmittal no.	TPSK-LSPA1-T-PE-00090													
					Return Date	12/10/2018													
					Owner Cmmt*	R1													
Category Code: G31 Process Instrument Data sheets																			
	PE	OL1-2G31-1001	Process Data Sheet For Analyzers Feed Preparation - Area 10	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01634													
					Return Date	10/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G31-1101	Process Data Sheet For Analyzers Recycle Gas Furnace - Area 11	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01634													
					Return Date	10/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G31-1102	Process Data Sheet For CEMS - Area 11	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01875													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G31-1103	Process Data Sheet For Pitot Tube On Cems Furnace Area 10-H-1100	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01875													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G31-1112	ATTEMPERATOR DATA SHEET	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	14/12/2018	27/03/2019												
					Revised Plan	29/01/2019	18/03/2019												
					Issue Actual	29/01/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-00757													
					Return Date	26/02/2019													
					Owner Cmmt*	R1													
	PE	OL1-2G31-1190	Process Datasheet for Restriction Orifice Furnace Area 10-H-1100	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01830													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G31-11YY	RESTRICTION ORIFICE DATA SHEETS	Class 2	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	20/12/2018	07/01/2019												
					Revised Plan	16/05/2019	18/06/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G31-1201	Process Data Sheet For Analyzers Liquid Cracking Furnace - Area 12	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01634													
					Return Date	10/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G31-1202	Process Data Sheet For CEMS - Area 12	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01875													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G31-1203	Process Data Sheet For Pitot Tube On Cems Furnace Area 12-H-1200-1600	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/06/2019													
					Issue Actual	12/06/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01875													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G31-1212	ATTEMPERATOR DATA SHEET	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	14/12/2018	27/03/2019												
					Revised Plan	29/01/2019	16/04/2019												
					Issue Actual	29/01/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-00757													
					Return Date	26/02/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G31-1290	Process Datasheet for Restriction Orifice Furnace Area 10-H-1200_1600	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	30/05/2019													
					Issue Actual	30/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01781													
					Return Date	21/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G31-12YY	RESTRICTION ORIFICE DATA SHEETS	Class 2	Purpose**	IFR	IFF												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/05/2019	18/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-13YY	RESTRICTION ORIFICE DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/05/2019	18/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-14YY	RESTRICTION ORIFICE DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/05/2019	18/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-15YY	RESTRICTION ORIFICE DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/05/2019	18/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-16YY	RESTRICTION ORIFICE DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	20/12/2018	07/01/2019											
					Revised Plan	16/05/2019	18/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-2001	Process Data Sheet For Analyzers Quench Oil - Area 20	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01634												
					Return Date	10/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G31-2090	Process Datasheet for Restriction Orifice - Area 20	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	03/07/2019												
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02061												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-2101	Process Data Sheet For Analyzer Quench Water - Dilution Steam - Area 21	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01634												
					Return Date	10/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G31-2190	Process Datasheet for Restriction Orifice - Area 21	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02044												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-2301	Process Data Sheet For Analyzers Caustic - Area 23	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01637												
					Return Date	10/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G31-2401	Data Sheet For Analyzers Dehydration - Regen - Deprop - C2 Hydrog - Area 24	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/05/2019												
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01664												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G31-2501	Data Sheet For Analyzers Cold Fractionation - Area 25	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/05/2019												
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01664												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G31-2590	Process Datasheet for Restriction Orifice Unit 25	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/06/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02018												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-2601	Process Data Sheet For Analyzers Hot Fractionantion - Area 26	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	20/05/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Issue Actual	20/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01693										
					Return Date	17/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G31-2701	Process Data Sheet For Analyzers Ghu And C4 - C5 Hydrog - Area 27	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/05/2019										
					Issue Actual	20/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01693										
					Return Date	17/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G31-2801	Process Data Sheet For Analyzers Refrigeration Sytem - Area 28	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/05/2019										
					Issue Actual	20/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01693										
					Return Date	17/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G31-2890	Process Datasheet for Restriction Orifice Unit 28	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/06/2019										
					Issue Actual	28/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02018										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-2901	Process Data Sheet For Analyzers Ethylene Auxiliariers - Area 29	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/05/2019										
					Issue Actual	20/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01693										
					Return Date	17/06/2019										
					Owner Cmmt*	R2										
	PE	OL1-2G31-2990	Process Datasheet for Restriction Orifice Unit 29	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/06/2019										
					Issue Actual	28/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02018										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-3001	Process Data Sheet For Analyzers Butadiene Extraction Unit Bdu - Area 30	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	01/07/2019										
					Issue Actual	01/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02027										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5101	Process Data Sheeet For Analyzers BFW-Steam-Steam OCndensate System - Area 51	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01740										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5190	Process Datasheet for Restriction Orifice - Area 51	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	02/07/2019										
					Issue Actual	02/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02044										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5201	Process Data Sheet For Analyzers Fuel System - Area 52	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01740										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5301	Process Data Sheet For Anaqlyzers Cooling Water - Area 53	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	24/05/2019										
					Issue Actual	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01740										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5390	Process Datasheet for Restriction Orifice Area 53	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/06/2019										
					Issue Actual	28/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02018										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5501	Data Sheet For Analyzers Vent Gas And Flare System - Area 55	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	06/06/2019										
					Issue Actual	06/06/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01816										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G31-5590	Process Datasheet for Restriction Orifice - Area 55	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	02/07/2019										
					Issue Actual	02/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02044										
					Return Date											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*													
	PE	OL1-2G31-5601	Data Sheet For Analyzers Wastewater - Area 56	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01816												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-5690	Process Datasheet for Restriction Orifice Area 56	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/06/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02018												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G31-5990	Process Datasheet for Restriction Orifice Area 59	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/06/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02019												
					Return Date													
					Owner Cmmt*													
Category Code: G32 Process Safety Valve Data sheets				Class 1	Purpose**													
	PE	OL1-2G32-1101	USC 36M Steam Drum PSV Datasheet - 10-PSV-1142A	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/03/2019	07/05/2019											
					Issue Actual	11/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01028	TPSK-LSPA1-T-PE-01602											
					Return Date	02/04/2019	31/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G32-1102	USC 36M Steam Drum PSV Datasheet - 10-PSV-1142B	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/03/2019	07/05/2019											
					Issue Actual	11/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01028	TPSK-LSPA1-T-PE-01602											
					Return Date	02/04/2019	31/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G32-1103	USC 36M Superheater Outlet PSV Datasheet - 10-PSV-1144	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/03/2019	07/05/2019											
					Issue Actual	11/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01028	TPSK-LSPA1-T-PE-01602											
					Return Date	02/04/2019	31/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G32-1201	USC 132U Steam Drum PSV Datasheet - 10-PSV-1242A	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/03/2019	07/05/2019											
					Issue Actual	11/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01029	TPSK-LSPA1-T-PE-01603											
					Return Date	02/04/2019	31/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G32-1202	USC 132U Steam Drum PSV Datasheet - 10-PSV-1242B	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/03/2019	07/05/2019											
					Issue Actual	11/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01029	TPSK-LSPA1-T-PE-01603											
					Return Date	02/04/2019	31/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G32-1203	USC 132U Superheater Outlet PSV Datasheet - 10-PSV-1244	Class 2	Purpose**	IFR	IFD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/03/2019	07/05/2019											
					Issue Actual	11/03/2019	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01029	TPSK-LSPA1-T-PE-01603											
					Return Date	02/04/2019	31/05/2019											
					Owner Cmmt*	R2	R2											
Category Code: G40 Block Flow Diagram				Class 1	Purpose**													
	PE	OL1-2G40-0010	BLOCK FLOW DIAGRAM - OLEFINS UNIT 10 - OVERALL PLANT SCHEME	Class 2	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		10/10/2018										
					Revised Plan	23/08/2018	23/08/2018	10/10/2018										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	19/06/2019									
					Owner Cmmt*		A3	A3	R1									
Category Code: G41 Process Flow Diagrams																		
	PE	OL1-2G41-0001	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - GENERAL - LEGENDS & SYMBOLS	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	26/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	03/06/2019									
					Owner Cmmt*		A3	A3	R1									
	PE	OL1-2G41-0002	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - GENERAL - DRAWING INDEX	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	03/06/2019									
					Owner Cmmt*		A3	A3	R1									
	PE	OL1-2G41-1001	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 10 FEED PREPARATION - FEED PREHEAT	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	03/06/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment	Working Days			
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-1003	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 10 FEED PREPARATION - FEEDSTOCK DISTRIBUTION	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-1101	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 11 FURNACES - RECYCLE GAS CRACKING FURNACE	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-1201	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 12 FURNACES - LIQUID CRACKING FURNACE	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-1901	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 19 FEED PREPARATION & FURNACES AUX - DECOKE AIR COM	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-1902	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 19 FEED PREPARATION & FURNACES AUX - CHEMICAL STORA	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2001	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 20 QUENCH OIL - QUENCH OIL TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2002	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 20 QUENCH OIL - HEAVY FUEL OIL STRIPPER	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2101	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 21 QUENCH WATER / DILUTION STEAM - QUENCH WATER TO	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2102	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 21 QUENCH WATER / DILUTION STEAM - QUENCH WATER CIR	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2103	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 21 QUENCH WATER / DILUTION STEAM - DILUTION STEAM GE	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2201	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 22 CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSI	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R2											
	PE	OL1-2G41-2301	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - CAUSTIC TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2302	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC H	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											
					Issue Plan	23/08/2018		20/06/2019												
					Revised Plan	23/08/2018	23/08/2018	29/04/2019												
					Issue Actual		23/08/2018	10/10/2018	29/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516											
					Return Date		29/10/2018	27/12/2018	03/06/2019											
					Owner Cmmt*		A3	A3	R1											
	PE	OL1-2G41-2303	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC S	Class 1	Purpose**	IFR	IFA	IFD	IFD											
					Rev.		A	B	C											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	03/06/2019										
					Owner Cmmt*		A3	A3	R1										
	PE	OL1-2G41-2304	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC T	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	03/06/2019										
					Owner Cmmt*		A3	A3	R1										
	PE	OL1-2G41-2305	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - WET AIR OXIDAT	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	03/06/2019										
					Owner Cmmt*		A3	A3	R1										
	PE	OL1-2G41-2401	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CG DEHY	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2402	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - REGENER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2403	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP DEPR	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2404	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDR	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2405	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LP DEPR	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2501	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - DEMETHANIZER PREFRACTIONAT	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2502	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - RESIDUE GAS SYSTEM	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2503	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - DEMETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2504	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - DEETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2505	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - ETHYLENE FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2506	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - HYDROGEN PURIFICATION	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2601	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - C3 HYDROGENATION	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2602	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - SECONDARY DEETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2603	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - PROPYLENE FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2604	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - DEBUTANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2701	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - GHU-1 REACTOR & DEPENTANIZE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2702	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - GHU-1 RERUN TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
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					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2703	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - HYDROG REACTIVATION GAS SYS	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
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					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2704	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2801	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - PROPYLENE REFRIGERATION 1	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2802	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - PROPYLENE REFRIGERATION 2	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2803	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - ETHYLENE REFRIGERATION 1	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2804	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - ETHYLENE REFRIGERATION 2	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G41-2901	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 29 OLEFINS RECOVERY AUX - CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	23/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G41-3001	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU PREDISTILLATION	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3002	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU EVAPORATION	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3003	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU RECTIFIER	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3004	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU DEGASSING	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3005	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3101	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 31 C4 UNIT UTILITIES - BDU SOLVENT REGENERATION	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3102	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 31 C4 UNIT UTILITIES - BDU STEAM AND CONDENSATE SYSTEN	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G41-3901	PROCESS FLOW DIAGRAM - OLEFINS UNIT 10 - 39 C4 UNIT AUX - BDU CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	23/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
Category Code: G42 Utility Flow Diagrams																		
	PE	OL1-2G42-5001	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 50 WATER SYSTEMS - TREATED, POTABLE, AND DEMIN WATER S	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	27/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G42-5101	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - STEAM BALANCE DIAGRAM	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	27/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G42-5102	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - CONDENSATE AND BOILER F	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	27/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G42-5103	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - CONDENSATE TREATMENT SY	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	27/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G42-5104	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - FURNACE BLOWDOWN SYST	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									
					Issue Plan	27/08/2018		20/06/2019										
					Revised Plan	23/08/2018	23/08/2018	29/04/2019										
					Issue Actual		23/08/2018	10/10/2018	29/04/2019									
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516									
					Return Date		29/10/2018	27/12/2018	29/05/2019									
					Owner Cmmt*		A3	A3	R2									
	PE	OL1-2G42-5201	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 52 FUEL SYSTEM - FUEL GAS SYSTEM	Class 1	Purpose**	IFR	IFA	IFD	IFD									
					Rev.		A	B	C									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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Period for Company's comment: Working Days

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Item	Org.	Document No.	Document Name	Classification					
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5301	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 53 COOLING WATER SYSTEM - COOLING WATER DIAGRAM	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5311	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 53 COOLING WATER SYSTEM - COOLING TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5401	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 54 AIR AND NITROGEN SYSTEM - PLANT AIR, INSTRUMENT AIR,	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5501	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - FLARE AND BLOWDOWN SY	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	27/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5502	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - PROCESS VENT GAS COLLECT	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	27/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5511	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - HP AND LLDPE LP FLARE	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	27/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5512	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - ENCLOSED GROUND FLARE	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	27/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5601	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - OILY WASTEWATER COLLECTION	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5602	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - SURFACE RUNOFF COLLECTION	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5603	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - CRACKER HOLDING BASIN	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5604	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - DOMESTIC WASTEWATER COLLECTION	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5610	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - HP FLARE AREA STORMWATER AND OILY W	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516
					Return Date		29/10/2018	27/12/2018	29/05/2019
					Owner Cmmt*		A3	A3	R2
	PE	OL1-2G42-5611	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - OSBL OILY WASTEWATER COLLECTION	Class 1	Purpose**	IFR	IFA	IFD	IFD
					Rev.		A	B	C
					Issue Plan	27/08/2018		20/06/2019	
					Revised Plan	23/08/2018	23/08/2018	29/04/2019	
					Issue Actual		23/08/2018	10/10/2018	29/04/2019

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5612	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - OILY WASTEWATER EQUILIZATION TANK	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5613	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - CPI & IGF PACKAGES	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5614	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - BIOTREATMENT PACKAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5615	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - CHECK BASIN	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5616	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - SLUDGE DEWATERING PACKAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5617	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - SLOP AND OIL SLUDGE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5901	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 59 UTILITIES AUX - CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
	PE	OL1-2G42-5911	UTILITY FLOW DIAGRAM - OLEFINS UNIT 10 - 59 UTILITIES AUX - COMPLEX U & O CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFA	IFD	IFD										
					Rev.		A	B	C										
					Issue Plan	27/08/2018		20/06/2019											
					Revised Plan	23/08/2018	23/08/2018	29/04/2019											
					Issue Actual		23/08/2018	10/10/2018	29/04/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00026	TPSK-LSPA1-T-PE-00155	TPSK-LSPA1-T-PE-01516										
					Return Date		29/10/2018	27/12/2018	29/05/2019										
					Owner Cmmt*		A3	A3	R2										
Category Code: G43 Process and Instrument Diagrams (P&ID)																			
	PE	OL1-2G43-0001	P&ID - Olefins Unit 10 - Common - Abbreviations And Numbering	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	15/11/2018	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180												
					Return Date	11/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G43-0002	P&ID - Olefins Unit 10 - Common - Piping Symbols	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	15/11/2018	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180												
					Return Date	11/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G43-0003	P&ID - Olefins Unit 10 - Common - Instrumentation Symbols	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	15/11/2018	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180												
					Return Date	11/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G43-0004	P&ID - Olefins Unit 10 - Common - Equipment Symbols 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	15/11/2018	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180												
					Return Date	11/02/2019	16/05/2019												
					Owner Cmmt*	R2	R1												
	PE	OL1-2G43-0005	P&ID - Olefins Unit 10 - Common - Equipment Symbols 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	15/11/2018	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180												
					Return Date	11/02/2019	16/05/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*	R2	R1											
	PE	OL1-2G43-0010	P&ID - Olefins Unit 10 - Common - Instrument Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	27/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	15/11/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180											
					Return Date	11/02/2019	16/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G43-0011	P&ID - Olefins Unit 10 - Common - EIV Block Valves Typical	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	16/05/2019	16/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	27/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	15/11/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-01180											
					Return Date	11/02/2019	16/05/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G43-1001	P&ID - FEED PREPARATION - FURNACE LIQUID FEED	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1002	P&ID - FEED PREPARATION - FURNACE LPG FEED HEATER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1003	P&ID - FEED PREPARATION - FURNACE LPG FEED VAPORIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1004	P&ID - FEED PREPARATION - FURNACE LPG FEED SUPERHEATER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1005	P&ID - Olefins Unit 10 - Feed Preparation and Furnaces - LPG Steam Vaporizer	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	18/02/2019	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1006	P&ID - Olefins Unit 10 - Feed Preparation And Furnaces - LPG Feed Steam Heater	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual		27/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01180											
					Return Date		05/05/2019											
					Owner Cmmt*		CA											
	PE	OL1-2G43-1023	P&ID - FEED PREPARATION - C2 FEED SUPERHEATER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1030	P&ID - FEED PREPARATION - CRACKING FURNACE DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1031	P&ID - FEED PREPARATION - CRACKING FURNACE DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1035	P&ID - FEED PREPARATION - CRACKING FURNACE DISTRIBUTION (UTILITY) - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1036	P&ID - FEED PREPARATION - CRACKING FURNACE DISTRIBUTION (UTILITY) - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1101	P&ID - RECYCLE GAS CRACKING FURNACE - ETHANE FEED DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD											
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Plan													
					Revised Plan	15/11/2018	13/02/2019											
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1105	P&ID - RECYCLE GAS CRACKING FURNACE - DILUTION STEAM DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1106	P&ID - RECYCLE GAS CRACKING FURNACE - DECOKE AIR HEADER DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1107	P&ID - RECYCLE GAS CRACKING FURNACE - FEED- SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1108	P&ID - RECYCLE GAS CRACKING FURNACE - FEED- SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1109	P&ID - RECYCLE GAS CRACKING FURNACE - FEED- SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1110	P&ID - Olefins Unit 10 - Recycle Gas Cracking Furnace 10-H-1100 - Feed-Sheet 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	18/02/2019	18/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1111	P&ID - Olefins Unit 10 - Recycle Gas Cracking Furnace 10-H-1100 - Feed- Sheet 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	18/02/2019	18/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1112	P&ID - Olefins Unit 10 - Recycle Gas Cracking Furnace 10-H-1100 - Feed- Sheet 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	18/02/2019	18/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1115	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 CONVECTION SECTION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1116	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 RADIANT SECTION CELL A - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1117	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 RADIANT SECTION CELL A - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1118	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 RADIANT SECTION CELL A - SHEET 3	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1119	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 RADIANT SECTION CELL A - SHEET 4	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1120	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 RADIANT SECTION CELL B - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1121	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 RADIANT SECTION CELL B - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1125	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 TLX EXCHANGER	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1126	P&ID - RECYCLE GAS CRACKING FURNACE - FURNACE EFFLUENT AND DECOKE MOVS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1127	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 INTERMITTENT BLOWDOWN HEADER	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1128	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 VHP STEAM DRUM	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1129	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 STEAM DRUM-USX AND TLX RISERS	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1130	P&ID - RECYCLE GAS CRACKING FURNACE - BOILER FEED WATER SUPPLY/EXPORT STEAM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1131	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 STEAM COILS	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1135	P&ID - RECYCLE GAS CRACKING FURNACE - FUEL GAS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1140	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 BURNERS	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1145	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 DECOKING EFFLUENT	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-1150	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1100 FLUE GAS	Class 2	Purpose**	IFR	IBD	IFD	IFF							
					Rev.	A	B									
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019							
					Revised Plan	10/11/2018	12/02/2019	16/02/2019	14/10/2019							
					Issue Actual	15/11/2018	13/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850									
					Return Date	11/02/2019	10/04/2019									
					Owner Cmmt*	R2	R2									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G43-1201	P&ID - LIQUID FEED CRACKING FURNACE -C3 LPG FEED DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1202	P&ID - LIQUID FEED CRACKING FURNACE -LIQUID FEED DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1205	P&ID - LIQUID FEED CRACKING FURNACE - DILUTION STEAM DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1206	P&ID - LIQUID FEED CRACKING FURNACE -DECOKE AIR HEADER DISTRIBUTION HEADER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1207	P&ID - LIQUID FEED CRACKING FURNACE - FEED- SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1208	P&ID - LIQUID FEED CRACKING FURNACE - FEED - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1209	P&ID - LIQUID FEED CRACKING FURNACE - FEED - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1210	P&ID - LIQUID FEED CRACKING FURNACE - FEED- SHEET 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1211	P&ID - LIQUID FEED CRACKING FURNACE - FEED - SHEET 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1212	P&ID - LIQUID FEED CRACKING FURNACE - FEED - SHEET 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1215	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 CONVECTION SECTION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1216	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 RADIANT SECTION CELL A - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1217	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 RADIANT SECTION CELL A - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A	B											
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019									
					Issue Actual	15/11/2018	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850											
					Return Date	11/02/2019	10/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1218	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 RADIANT SECTION CELL A - SHEET 3	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.	A												
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment					Working Days			
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018											
					Transmittal no.	TPSK-LSPA1-T-PE-00323											
					Return Date	11/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-1218.	P&ID - Olefins Unit 10 - Liquid Cracking Furnace 10-H-1200 - Radiant Section Cell A - Sheet 3	Class 2	Purpose**	IBD											
					Rev.	B											
					Issue Plan												
					Revised Plan	13/02/2019											
					Issue Actual	13/02/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00850											
					Return Date	10/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-1219	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 RADIANT SECTION CELL B - SHEET 4	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1220	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 RADIANT SECTION CELL B - SHEET 5	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1221	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 RADIANT SECTION CELL B - SHEET 6	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1225	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 TLX EXCHANGER	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1226	P&ID - LIQUID FEED CRACKING FURNACE -FURNACE EFFLUENT & DECOKE MOVS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1227	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 INTERMITTENT BLOWDOWN HEADER	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1228	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 VHP STEAM DRUM	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1229	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 STEAM DRUM-USX AND TLX RISERS	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1230	P&ID - LIQUID FEED CRACKING FURNACE -BOILER FEED WATER SUPPLY/EXPORT STEAM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1231	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 STEAM COILS	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1235	P&ID - LIQUID FEED CRACKING FURNACE -FUEL GAS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	16/02/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										
					Return Date	11/02/2019	10/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-1240	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 BURNERS	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.	A	B										
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019								
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019								
					Issue Actual	15/11/2018	13/02/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Return Date	11/02/2019	10/04/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-1245	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 DECOKING EFFLUENT	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.	A	B												
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019										
					Issue Actual	15/11/2018	13/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850												
					Return Date	11/02/2019	10/04/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-1250	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1200 FLUE GAS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.	A	B												
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	16/11/2018	12/02/2019	16/02/2019	14/10/2019										
					Issue Actual	15/11/2018	13/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00323	TPSK-LSPA1-T-PE-00850												
					Return Date	11/02/2019	10/04/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-1315	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 CONVECTION SECTION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1316	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 RADIANT SECTION CELL A - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1317	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 RADIANT SECTION CELL A - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1318	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 RADIANT SECTION CELL A - SHEET 3	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1319	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 RADIANT SECTION CELL B - SHEET 4	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1320	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 RADIANT SECTION CELL B - SHEET 5	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1321	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 RADIANT SECTION CELL B - SHEET 6	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1325	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 TLX EXCHANGER	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1327	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 INTERMITTENT BLOWDOWN HEADER	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1328	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 VHP STEAM DRUM	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1329	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 STEAM DRUM-USX AND TLX RISERS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1331	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 STEAM COILS	Class 2	Purpose**	IFR	IBD	IFD	IFF										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days			
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
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					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1340	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 BURNERS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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					Issue Actual														
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					Return Date														
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	PE	OL1-2G43-1345	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 DECOKING EFFLUENT	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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	PE	OL1-2G43-1350	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 FLUE GAS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Owner Cmmt*														
	PE	OL1-2G43-1360	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 UTILITY STATION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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	PE	OL1-2G43-1361	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1300 UTILITY DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1415	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 CONVECTION SECTION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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					Return Date														
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	PE	OL1-2G43-1416	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 RADIANT SECTION CELL A - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1417	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 RADIANT SECTION CELL A - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1418	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 RADIANT SECTION CELL A - SHEET 3	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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	PE	OL1-2G43-1419	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 RADIANT SECTION CELL B - SHEET 4	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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	PE	OL1-2G43-1420	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 RADIANT SECTION CELL B - SHEET 5	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
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					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
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	PE	OL1-2G43-1421	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 RADIANT SECTION CELL B - SHEET 6	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1425	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 TLX EXCHANGER	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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LSP-2W91-0001	10
Issue Date	02/09/19

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					Issue Actual														
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					Owner Cmmt*														
	PE	OL1-2G43-1427	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 INTERMITTENT BLOWDOWN HEADER	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1428	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 VHP STEAM DRUM	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
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	PE	OL1-2G43-1429	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 STEAM DRUM-USX AND TLX RISERS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
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	PE	OL1-2G43-1431	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 STEAM COILS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Return Date														
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	PE	OL1-2G43-1440	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 BURNERS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1445	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 DECOKING EFFLUENT	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
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					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1450	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 FLUE GAS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1460	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 UTILITY STATION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1461	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1400 UTILITY DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1515	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 CONVECTION SECTION	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1516	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 RADIANT SECTION CELL A - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Owner Cmmt*														
	PE	OL1-2G43-1517	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 RADIANT SECTION CELL A - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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	PE	OL1-2G43-1518	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 RADIANT SECTION CELL A - SHEET 3	Class 2	Purpose**	IFR	IBD	IFD	IFF										
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					Return Date														

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Owner Feedback (Comment)		
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Classification	
Class 1 = For Approval	
Class 2 = For Review	
Class 3 = For Information	

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*													
	PE	OL1-2G43-1519	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 RADIANT SECTION CELL B - SHEET 4	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1520	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 RADIANT SECTION CELL B - SHEET 5	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1521	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 RADIANT SECTION CELL B - SHEET 6	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1525	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 TLX EXCHANGER	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1527	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 INTERMITTENT BLOWDOWN HEADER	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1528	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 VHP STEAM DRUM	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1529	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 STEAM DRUM-USX AND TLX RISERS	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1531	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 STEAM COILS	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1540	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 BURNERS	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1545	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 DECOKING EFFLUENT	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1550	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 FLUE GAS	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1560	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 UTILITY STATION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1561	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1500 UTILITY DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1615	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 CONVECTION SECTION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document			
IFR = Issue For Review	IFF = Issue For Final		
IFA = Issue For Approval	ASB = Issue For As-Built		
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LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1616	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 RADIANT SECTION CELL A - SHEET 1	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1617	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 RADIANT SECTION CELL A - SHEET 2	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1618	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 RADIANT SECTION CELL A - SHEET 3	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1619	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 RADIANT SECTION CELL B - SHEET 4	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1620	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 RADIANT SECTION CELL B - SHEET 5	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1621	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 RADIANT SECTION CELL B - SHEET 6	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1625	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 TLX EXCHANGER	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1627	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 INTERMITTENT BLOWDOWN HEADER	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1628	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 VHP STEAM DRUM	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1629	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 STEAM DRUM-USX AND TLX RISERS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1631	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 STEAM COILS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1640	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 BURNERS	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G43-1645	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 DECOKING EFFLUENT	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.														
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019										
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019										
					Issue Actual														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1650	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 FLUE GAS	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1660	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 UTILITY STATION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1661	PIPING & INSTRUMENT DIAGRAM CRACKING FURNACE 1 10-H-1600 UTILITY DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IFD	IFF									
					Rev.													
					Issue Plan	16/11/2018	28/01/2019	24/05/2019	14/10/2019									
					Revised Plan	28/06/2019	28/06/2019	24/05/2019	14/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-1901	P&ID - FEED PREPARATION & FURNACES AUX - DMDS INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-1915	P&ID - FEED PREPARATION & FURNACES AUX - DECOKE AIR RECEIVER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	31/07/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2001	P&ID - QUENCH OIL - QUENCH OIL FRACTIONATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2003	P&ID - QUENCH OIL - QUENCH OIL CIRCULATING PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2005	P&ID - QUENCH OIL - QUENCH OIL FILTRATION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2006	P&ID - QUENCH OIL - VLP STEAM GENERATION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2007	P&ID - QUENCH OIL - VLP STEAM GENERATION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2008	P&ID - Olefins Unit 10 - Quench Oil - VLP Steam Generation - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual		27/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01180											
					Return Date		05/04/2019											
					Owner Cmmt*		CA											
	PE	OL1-2G43-2020	P&ID - QUENCH OIL - LIGHT FUEL OIL STRIPPER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2021	P&ID - QUENCH OIL - FUEL OIL PRODUCT COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G43-2022	P&ID - QUENCH OIL - FUEL OIL FILTRATION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2025	P&ID - QUENCH OIL - HEAVY FUEL OIL STRIPPER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2026	P&ID - QUENCH OIL - HEAVY FUEL OIL PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2027	P&ID - QUENCH OIL - HEAVY FUEL OIL PRODUCT COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2040	P&ID - QUENCH OIL DRAIN COLLECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2042	P&ID - QUENCH OIL DRAIN DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	27/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01180											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2101	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER TOWER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2102	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER TOWER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2104	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH OIL FRACTIONATOR REFLUX	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2106	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2108	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2110	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2115	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER DRAIN DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2117	P&ID - QUENCH WATER / DILUTION STEAM - QUENCH WATER DRAIN DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2120	P&ID - QUENCH WATER / DILUTION STEAM - DISTILLATE STRIPPER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2122	P&ID - QUENCH WATER / DILUTION STEAM - DISTILLATE STRIPPER REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2123	P&ID - QUENCH WATER / DILUTION STEAM - PROCESS WATER STRIPPER FEED	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2125	P&ID - QUENCH WATER / DILUTION STEAM - PROCESS WATER STRIPPER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2126	P&ID - QUENCH WATER / DILUTION STEAM - PRCOESS WATER STRIPPER REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2127	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM GENERATOR FEED PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2130	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM GENERATOR FEED HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2131	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM GENERATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2132	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM GENERATOR REBOILERS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2134	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM GENERATOR REBOILERS - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2137	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM SUPERHEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2138	P&ID - QUENCH WATER / DILUTION STEAM - DILUTION STEAM BLOWDOWN COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2201	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS 1ST STAGE SUCTION DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2203	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 1ST AND 2ND STAGES	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2204	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 1ST STAGE AFTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2206	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 2ND STAGE SUCTION DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
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					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2208	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 2ND STAGE AFTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2210	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 3RD STAGE SUCTION DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2211	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 3RD AND 4TH STAGES	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2212	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 3RD STAGE AFTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2214	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 4TH STAGE SUCTION DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2215	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 4TH STAGE AFTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2217	P&ID - CRACKED GAS COMPRESSION - CRACKED GAS COMPRESSOR 4TH STAGE DISCHARGE DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2220	P&ID - CRACKED GAS COMPRESSION - WASH WATER COOLER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2222	P&ID - CRACKED GAS COMPRESSION - WASH WATER INJECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Issue Actual	27/12/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2224	P&ID - CRACKED GAS COMPRESSION - WASH OIL INJECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00566	TPSK-LSPA1-T-PE-01201											
					Return Date	21/02/2019	22/04/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2301	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - CAUSTIC TOWER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2303	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - WEAK/INTERMEDIATE CAUSTIC CIRCULATION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2305	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - STRONG CAUSTIC CIRCULATION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2310	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - FRESH CAUSTIC STORAGE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2311	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC DEOILING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2313	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC DEGASSING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2314	P&ID - Olefins Unit 10 - Caustic and Spent Caustic Treatment - Spent Caustic Drain Collection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2315	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT WASH OIL DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2316	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - CAUSTIC DRAIN SUMP	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2317	P&ID - Olefins Unit 10 - Caustic and Spent Caustic Treatment - Yellow Oil Drum	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	18/02/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2318	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC DRAIN SUMP	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2319	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SKIM OIL DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2320	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC STORAGE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	27/12/2018	05/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264										
					Return Date	21/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2325	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC STRIPPER FEED HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2326	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC STRIPPER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2328	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAUSTIC STRIPPER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2329	P&ID - CAUSTIC & SPENT CAUSTIC TREATMENT - WAO PACKAGE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2401	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CAUSTIC TOWER OVERHEAD CHILLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2402	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CAUSTIC TOWER OVERHEAD KO DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2404	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LIQUID DRIER FEED COALESCER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2406	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LIQUID DRIERS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2407	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LIQUID DRIERS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2409	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CRACKED GAS DEHYDRATION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2410	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CRACKED GAS DEHYDRATION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2412	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - REGENERATION GAS HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2414	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - REGENERATION GAS COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2419	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CRACKED GAS MERCURY ABSORBER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2420	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP DEPROPANIZER FEED CHILLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2422	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP DEPROPANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2423	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP DEPROPANIZER REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2425	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LP DEPROPANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2426	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LP DEPROPANIZER REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2427	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LP DEPROPANIZER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2428	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LP DEPROPANIZER PRODUCT/REFLUX PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2430	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - 5TH STAGE CRACKED GAS COMPRESSION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2432	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CRACKED GAS COMPRESSOR 5TH STAGE AFTERCOO	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2433	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION FEED ARSINE REMOVAL	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2435	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION FEED HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2437	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION REACTOR A	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2438	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION REACTOR A INTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2439	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION REACTOR B	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification														
															Period for Company's comment			Working Days
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2440	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION REACTOR B INTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2442	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2 HYDROGENATION REACTOR C	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2444	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CG SECONDARY DEHYDRATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
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					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2446	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP DEPROPANIZER REFLUX CHILLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2447	P&ID - DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP DEPROPANIZER REFLUX	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	27/12/2018	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00567	TPSK-LSPA1-T-PE-01264											
					Return Date	21/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2501	P&ID - COLD FRACTIONATION - DEMETHANIZER PREFRACTIONATOR FEED CHILLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2503	P&ID - COLD FRACTIONATION - DEMETHANIZER PREFRACTIONATOR FEED SEPARATOR NO. 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2505	P&ID - COLD FRACTIONATION - DEMETHANIZER PREFRACTIONATOR FEED SEPARATOR NO. 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2507	P&ID - COLD FRACTIONATION - DEMETHANIZER PREFRACTIONATOR FEED SEPARATOR NO. 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2511	P&ID - COLD FRACTIONATION - DEMETHANIZER PREFRACTIONATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2513	P&ID - COLD FRACTIONATION - DEMETHANIZER PREFRACTIONATOR REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2515	P&ID - COLD FRACTIONATION - RESIDUE GAS RECTIFIER CONDENSER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2517	P&ID - COLD FRACTIONATION - RESIDUE GAS RECTIFIER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

ABBREVIATION			
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2520	P&ID - COLD FRACTIONATION - DEMETHANIZER FEED COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2521	P&ID - COLD FRACTIONATION - DEMETHANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2522	P&ID - COLD FRACTIONATION - DEMETHANIZER REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2525	P&ID - COLD FRACTIONATION - RESIDUE GAS EXPANDER SUCTION/DISCHARGE DRUMS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2527	P&ID - COLD FRACTIONATION - RESIDUE GAS EXPANDER/RECOMPRESSOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2529	P&ID - COLD FRACTIONATION - HYDROGEN RECOVERY	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2530	P&ID - COLD FRACTIONATION - PROPYLENE REFRIGERANT SUBCOOLER SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2531	P&ID - COLD FRACTIONATION - PROPYLENE REFRIGERANT SUBCOOLER SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2532	P&ID - COLD FRACTIONATION - PRESSURE SWING ABSORPTION UNIT	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2541	P&ID - COLD FRACTIONATION - DEETHANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2543	P&ID - COLD FRACTIONATION - DEETHANIZER REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2546	P&ID - COLD FRACTIONATION - DEETHANIZER CONDENSER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2547	P&ID - COLD FRACTIONATION - DEETHANIZER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G43-2551	P&ID - COLD FRACTIONATION - DEMETHANIZER BOTTOMS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2552	P&ID - COLD FRACTIONATION - C2 SPLITTER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2553	P&ID - COLD FRACTIONATION - C2 SPLITTER BOTTOMS REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2554	P&ID - COLD FRACTIONATION - C2 SPLITTER INTER-REBOILER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2556	P&ID - COLD FRACTIONATION - ETHANE RECYCLE PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	08/01/2019	05/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	08/01/2019	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00612	TPSK-LSPA1-T-PE-01264											
					Return Date	25/02/2019	09/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2601	P&ID - HOT FRACTIONATION - C3 HYDROGENATION ARSINE GUARD BED	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	09/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294											
					Return Date	25/02/2019	16/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2602	P&ID - HOT FRACTIONATION - C3 GUARD ADSORBERS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	09/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294											
					Return Date	25/02/2019	16/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2603	P&ID - HOT FRACTIONATION - C3 GUARD ADSORBERS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	09/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294											
					Return Date	25/02/2019	16/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2604	P&ID - Olefins Unit 10 - Hot Fractionation - Feed Section	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2605	P&ID - HOT FRACTIONATION - C3 HYDROGENATION REACTORS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2608	P&ID - HOT FRACTIONATION - C3 HYDROGENATION AFTERCOOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2610	P&ID - HOT FRACTIONATION - C3 HYDROGENATION RECYCLE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2615	P&ID - HOT FRACTIONATION - SECONDARY DEETHANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	09/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294											
					Return Date	25/02/2019	16/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2616	P&ID - HOT FRACTIONATION - SECONDARY DEETHANIZER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document				*Owner Feedback (Comment)				***Classification
IFR = Issue For Review	IFF = Issue For Final			A1 = App. w/o comments			R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built			A2 = App. with comments, re-submit not required			R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction			A3 = App. with comments, re-submit for review				Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation			A4 = Not App., re-submit for approval				
IFP = Issue For Planning	/ Execution							
IFD = Issue For Design	CAN = Issue for Cancellation							

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2620	P&ID - HOT FRACTIONATION - C3 SPLITTER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2621	P&ID - HOT FRACTIONATION - C3 SPLITTER REBOILERS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2622	P&ID - HOT FRACTIONATION - C3 SPLITTER BOTTOMS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2625	P&ID - HOT FRACTIONATION - DEBUTANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2627	P&ID - HOT FRACTIONATION - DEBUTANIZER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2628	P&ID - HOT FRACTIONATION - DEBUTANIZER OVERHEAD PRODUCT/REFLUX	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	09/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	09/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01294										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2629	P&ID - HOT FRACTIONATION - DEBUTANIZER BOTTOMS COOLING	Class 2	Purpose**	IFR	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B	C									
					Issue Plan	20/02/2019		29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	16/01/2019		06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	16/01/2019	14/03/2019	06/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587									
					Return Date	25/02/2019	12/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2630	P&ID - HOT FRACTIONATION - C5/PYGAS SURGE DRUM	Class 2	Purpose**	IFR	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B	C									
					Issue Plan	20/02/2019		29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	16/01/2019		06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	16/01/2019	14/03/2019	06/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587									
					Return Date	25/02/2019	12/04/2019										
					Owner Cmmt*	R2	R2										
	PE	OL1-2G43-2631	P&ID - Olefins Unit 10 - Hot Fractionation - Debutanizer Bottoms Pumps	Class 2	Purpose**	IFR	CAN										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	16/01/2019	10/04/2019										
					Issue Actual	16/01/2019	10/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01298										
					Return Date	25/02/2019	16/05/2019										
					Owner Cmmt*	R2	R1										
	PE	OL1-2G43-2701	P&ID - GHU & C4/C5 HYDROG - GHU-1 FEED HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2702	P&ID - GHU & C4/C5 HYDROG - GHU-1 REACTORS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2703	P&ID - GHU & C4/C5 HYDROG - GHU-1 REACTORS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2704	P&ID - GHU & C4/C5 HYDROG - GHU-1 HOT SEPARATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2705	P&ID - GHU & C4/C5 HYDROG - GHU-1 COLD SEPARATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2706	P&ID - GHU & C4/C5 HYDROG - GHU-1 DEPENTANIZER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2707	P&ID - GHU & C4/C5 HYDROG - GHU C5 CUT PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2708	P&ID - GHU & C4/C5 HYDROG - GHU-1 DEPENTANIZER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2710	P&ID - GHU & C4/C5 HYDROG - GHU RERUN TOWER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2711	P&ID - GHU & C4/C5 HYDROG - GHU RERUN TOWER CONDENSER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2712	P&ID - GHU & C4/C5 HYDROG - GHU RERUN TOWER REFLUX/PRODUCT PUMP	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2713	P&ID - GHU & C4/C5 HYDROG - GHU-1 PRODUCT COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2715	P&ID - GHU & C4/C5 HYDROG - GHU-1 RECYCLE WASH OIL	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2716	P&ID - GHU & C4/C5 HYDROG - PYGAS FUEL OIL PRODUCT	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2717	P&ID - Olefins Unit 10 - GHU & C4-C5 Hydrog - Refun Tower Liquid Ring Pump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2718	P&ID - Olefins Unit 10 - GHU & C4-C5 Hydrog - Anti-Oxidant Injection Package	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2720	P&ID - GHU & C4/C5 HYDROG - REACTIVATION GAS HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2722	P&ID - GHU & C4/C5 HYDROG - REGENERATION DECOKE DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2730	P&ID - GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION FEED SURGE DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2732	P&ID - GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION FEED PUMP	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2733	P&ID - GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION FEED HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2734	P&ID - GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION REACTOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2736	P&ID - GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION RECYCLE DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2738	P&ID - GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION RECYCLE/PRODUCT COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2740	P&ID - GHU & C4/C5 HYDROG - LIGHT OIL DRAIN DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	14/03/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2742	P&ID - Olefins Unit 10 - GHU & C4-C5 Hydrog - Light Oil Drain Drum	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	14/03/2019	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01061	TPSK-LSPA1-T-PE-01587										
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2801	P&ID - REFRIGERATION - C3 REFRIGERANT COMPRESSOR SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Issue Actual	16/01/2019	12/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345										
					Return Date	25/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2802	P&ID - REFRIGERATION - C3 REFRIGERANT COMPRESSOR SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345										
					Return Date	25/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2803	P&ID - REFRIGERATION - C3 REFRIGERANT CONDENSER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345										
					Return Date	25/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2804	P&ID - REFRIGERATION - C3 REFRIGERANT RECEIVER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Issue Actual	16/01/2019	12/04/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345										
					Return Date	25/02/2019											
					Owner Cmmt*	R2											
	PE	OL1-2G43-2805	P&ID - REFRIGERATION - HP C3 REFRIGERATION DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.	A	B										
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020					

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

ABBREVIATION			
**Revision Purpose of Issued Document		*Owner Feedback (Comment)	***Classification
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IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Actual	16/01/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2806	P&ID - REFRIGERATION - C3 REFRIGERANT 4TH STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2807	P&ID - Olefins Unit 10 - Refrigeration System - C3 Refrigerant Compressor - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Issue Actual	16/01/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2808	P&ID - REFRIGERATION - C3 REFRIGERANT 3RD STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2810	P&ID - REFRIGERATION - C3 REFRIGERANT 2ND STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2812	P&ID - REFRIGERATION - C3 REFRIGERANT 1ST STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2814	P&ID - REFRIGERATION - C3 REFRIGERANT DRAIN DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2816	P&ID - REFRIGERATION - PROPYLENE PRODUCT PUMP	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2818	P&ID - REFRIGERATION - PROPYLENE PRODUCT CHILLING SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2819	P&ID - REFRIGERATION - PROPYLENE PRODUCT CHILLING SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2821	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT COMPRESSOR SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2822	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT COMPRESSOR SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-2823	P&ID - Olefins Unit 10 - Refrigeration System - Ethylene Refrigerant Compressor - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual		12/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01345											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G43-2824	P&ID - REFRIGERATION - C2 REFRIGERANT DESUPERHEATERS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	16/01/2019	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345											
					Return Date	25/02/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days
					Owner Cmmt*	R2									
	PE	OL1-2G43-2825	P&ID - REFRIGERATION - C2 REFRIGERANT DESUPERHEATERS AND CONDENSING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2828	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT SURGE DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
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					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2830	P&ID - REFRIGERATION - HP ETHYLENE LIQUID PRODUCT CHILLER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
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					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2834	P&ID - REFRIGERATION - HP ETHYLENE VAPOR PRODUCT	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
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					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2836	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT 3RD STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2838	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT 2ND STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2840	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT 1ST STAGE SUCTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2842	P&ID - REFRIGERATION - LP ETHYLENE PRODUCT COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2846	P&ID - REFRIGERATION - ETHYLENE REFRIGERANT DRAIN DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	16/01/2019	12/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	16/01/2019	12/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00653	TPSK-LSPA1-T-PE-01345								
					Return Date	25/02/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G43-2901	P&ID - OLEFINS RECOVERY AUXILLARY - EMULSION BREAKER INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	04/02/2019	17/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397								
					Return Date	25/02/2019	03/06/2019								
					Owner Cmmt*	R2	R2								
	PE	OL1-2G43-2902	P&ID - OLEFINS RECOVERY AUXILLARY - PH CONTROL INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	04/02/2019	17/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397								
					Return Date	25/02/2019	03/06/2019								
					Owner Cmmt*	R2	R2								
	PE	OL1-2G43-2903	P&ID - OLEFINS RECOVERY AUXILLARY - POLYMERIZATION INHIBITOR INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	04/02/2019	17/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397								
					Return Date	25/02/2019	03/06/2019								
					Owner Cmmt*	R2	R2								
	PE	OL1-2G43-2904	P&ID - OLEFINS RECOVERY AUXILLARY - PROCESS WATER STRIPPER CHEMICAL INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020			
					Issue Actual	04/02/2019	17/04/2019								
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397								
					Return Date	25/02/2019	03/06/2019								
					Owner Cmmt*	R2	R2								
	PE	OL1-2G43-2905	P&ID - OLEFINS RECOVERY AUXILLARY - CORROSION INHIBITOR INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.	A	B								

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2906	P&ID - OLEFINS RECOVERY AUXILLARY - DSG ANTI-FOULANT INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2907	P&ID - Olefins Unit 10 - Ethylene Auxiliaries - Caustic Tower Anti Foulant Injection System	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	18/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2908	P&ID - Olefins Unit 10 - Ethylene Auxiliaries - Neutralization Injection	Class 2	Purpose**	IFR	CAN									
					Rev.	A	0									
					Issue Plan											
					Revised Plan	04/02/2019	17/04/2019									
					Issue Actual	04/02/2019	17/04/2019									
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					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R1									
	PE	OL1-2G43-2909	P&ID - Olefins Unit 10 - Ethylene Auxiliaries - Methanol Injection System	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	18/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2915	P&ID - OLEFINS RECOVERY AUXILLARY - WASH OIL STORAGE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2920	P&ID - OLEFINS RECOVERY AUXILLARY - QUENCH OIL PUMP TURBINE DETAILS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2922	P&ID - OLEFINS RECOVERY AUXILLARY - QUENCH WATER PUMP TURBINE DETAILS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2924	P&ID - OLEFINS RECOVERY AUXILLARY - DSG FEED PUMP TURBINE DETAILS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2930	P&ID - OLEFINS RECOVERY AUXILLARY - CG COMP. TURBINE DETAILS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2932	P&ID - OLEFINS RECOVERY AUXILLARY - CG COMP. TURBINE DETAILS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2934	P&ID - OLEFINS RECOVERY AUXILLARY - CG COMP. TURBINE DETAILS - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2955	P&ID - OLEFINS RECOVERY AUXILLARY - C3 REFRIGERANT COMP. TURBINE DETAILS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
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					Issue Actual	04/02/2019	17/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397									
					Return Date	25/02/2019	03/06/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-2960	P&ID - OLEFINS RECOVERY AUXILLARY - C3 REFRIGERANT COMP. TURBINE DETAILS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020				
					Issue Actual	04/02/2019	17/04/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397											
					Return Date	25/02/2019	03/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2965	P&ID - OLEFINS RECOVERY AUXILLARY - C3 REFRIGERANT COMP. TURBINE DETAILS - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	04/02/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397											
					Return Date	25/02/2019	03/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2970	P&ID - OLEFINS RECOVERY AUXILLARY - C2 REFRIGERANT COMP. TURBINE DETAILS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	04/02/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397											
					Return Date	25/02/2019	03/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2975	P&ID - OLEFINS RECOVERY AUXILLARY - C2 REFRIGERANT COMP. TURBINE DETAILS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	04/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397											
					Return Date	25/02/2019	03/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-2976	P&ID - Olefins Unit 10 - Ethylene Auxiliaries - C2R Lube Oil Pump Turbine Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	18/02/2019	17/04/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	04/02/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00799	TPSK-LSPA1-T-PE-01397											
					Return Date	25/02/2019	03/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3001	P&ID - C4 UNIT - PREDISTILLATION FEED DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3002	P&ID - C4 UNIT - PREDISTILLATION FEED PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3003	P&ID - C4 UNIT - PREDISTILLATION TOWER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3004	P&ID - C4 UNIT - PREDISTILLATION TOWER REBOILERS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3005	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - C4 Vaporization Tower & Heavy End Disch. Pump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3006	P&ID - C4 UNIT - PREDISTILLATION TOWER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3007	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - Main Washer & Solvent Cooler	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3008	P&ID - C4 UNIT - FEED VAPORIZER DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3009	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - Main Washer Bottom Pump & Reflux Pump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G43-3010	P&ID - C4 UNIT - C4 EVAPORATORS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3011	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - Rectifier Pump And Degasser Feed Pump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3012	P&ID - C4 UNIT - MAIN WASHER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019	17/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-3013	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - After Washer Overhead	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3014	P&ID - C4 UNIT - MAIN WASHER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3015	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - Solvent Heat Exchanger-II And Solvent Heater	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3016	P&ID - C4 UNIT - RECTIFIER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3017	P&ID - C4 UNIT - RECTIFIER BOTTOMS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3018	P&ID - C4 UNIT - AFTERWASHER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3019	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - HC - Water Separator	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3020	P&ID - C4 UNIT - AFTERWASHER OVERHEAD	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3021	P&ID - C4 UNIT - SOLVENT HEAT EXCHANGERS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3022	P&ID - C4 UNIT - SOLVENT HEATING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3023	P&ID - Olefins Unit 10 - Butadiene Extraction Unit - BDU - Recycle Gas Compressor	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3024	P&ID - C4 UNIT - SOLVENT COOLING/DEGASSING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3025	P&ID - C4 UNIT - DEGASSING TOWER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3026	P&ID - C4 UNIT - DEGASSING TOWER REBOILERS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3027	P&ID - C4 UNIT - ACETYLENE WASHER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
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					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3028	P&ID - C4 UNIT - ACETYLENE CONDENSING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3029	P&ID - C4 UNIT - HC/WATER SEPARATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	20/02/2019	29/03/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Revised Plan	14/03/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	30/05/2020	30/08/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3101	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Solvent Regeneration	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3102	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Water Washer And Condenser	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3103	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Regen Steam Ejector Package	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3104	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Water Washer Accumulator & Solvent Return	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3105	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Ejector Seal Drum And Waste Water Pumps	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3106	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Blow Down Drum	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3107	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - NMP Slop Drum	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3108	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Condensate Flash Drum	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3109	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Condensate Drum And Recycle Pumps	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	14/03/2019	22/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	29/03/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-3110	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - Condensate Heater And Cooler	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-3111	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - BDU Steam Letdown	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-3112	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - NMP Slop Drain System - Sheet 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	30/03/2019	21/06/2019											
					Owner Cmmt*	CA	R1											
	PE	OL1-2G43-3113	P&ID - Olefins Unit 10 - Butadiene Extraction Unit Utilities - NMP Slop Drain System - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	30/03/2019	21/06/2019											
					Owner Cmmt*	CA	R1											
	PE	OL1-2G43-3901	P&ID - C4 UNIT - SOLVENT STORAGE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-3902	P&ID - Olefins Unit 10 - C4 Unit Auxiliaries - Solvent Inhibitor Injection System	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-01067	TPSK-LSPA1-T-PE-01722											
					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-3903	P&ID - C4 UNIT - SOLVENT INHIBITOR INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-3904	P&ID - Olefins Unit 10 - C4 Unit Auxiliaries - Anti-Foam Agent Injection System	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-3905	P&ID - C4 UNIT - PRODUCT INHIBITOR INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	30/03/2019												
					Owner Cmmt*	CA												
	PE	OL1-2G43-5001	P&ID - UTILITY SYSTEMS - DEMINERALIZATION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5010	P&ID - UTILITY SYSTEMS - TREATED WATER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5020	P&ID - UTILITY SYSTEMS - POTABLE WATER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5101	P&ID - UTILITY SYSTEMS - STEAM LETDOWN STATIONS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5102	P&ID - UTILITY SYSTEMS - STEAM LETDOWN STATIONS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5103	P&ID - Olefins Unit 10 - BFW - Steam - Steam Condensate System - Steam Letdown Station - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5105	P&ID - UTILITY SYSTEMS - DEAERATOR	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5110	P&ID - UTILITY SYSTEMS - SHP BOILER FEEDWATER PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5111	P&ID - UTILITY SYSTEMS - BOILER FEEDWATER PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5113	P&ID - UTILITY SYSTEMS - SHP BOILER FEEDWATER DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5114	P&ID - UTILITY SYSTEMS - BOILER FEEDWATER DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5115	P&ID - UTILITY SYSTEMS - SUSPECT CONDENSATE FLASH DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5118	P&ID - UTILITY SYSTEMS - SUSPECT CONDENSATE COOLING	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5120	P&ID - UTILITY SYSTEMS - CONDENSATE CARBON FILTERS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5125	P&ID - UTILITY SYSTEMS - RAW CONDENSATE TANK	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5127	P&ID - UTILITY SYSTEMS - CONDENSATE POLISHER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5128	P&ID - Olefins Unit 10 - BFW - Steam - Steam Condensate System - Condensate Polisher - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	18/02/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5130	P&ID - UTILITY SYSTEMS - CONDENSATE TANK	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5132	P&ID - UTILITY SYSTEMS - LOW PRESSURE CONDENSATE FLASH DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5134	P&ID - UTILITY SYSTEMS - INTERMITTENT FURNACE BLOWDOWN DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5140	P&ID - UTILITY SYSTEMS - SHP STEAM DISTRIBUTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5143	P&ID - UTILITY SYSTEMS - HP STEAM DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5144	P&ID - UTILITY SYSTEMS - HP STEAM DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5150	P&ID - UTILITY SYSTEMS - MP STEAM DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5151	P&ID - UTILITY SYSTEMS - MP STEAM DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5152	P&ID - UTILITY SYSTEMS - MP STEAM DISTRIBUTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5160	P&ID - UTILITY SYSTEMS - LP STEAM DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5161	P&ID - UTILITY SYSTEMS - LP STEAM DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019	29/05/2019												
					Owner Cmmt*	R2	R2												
	PE	OL1-2G43-5162	P&ID - UTILITY SYSTEMS - LP STEAM DISTRIBUTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.	A	B												
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020							
					Issue Actual	25/01/2019	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478												
					Return Date	26/02/2019													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

****Revision Purpose of Issued Document**

IFR = Issue For Review
IFA = Issue For Approval
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R1 = No comments
R2 = Comments as noted

*****Classification**

Class 1 = For Approval
Class 2 = For Review
Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*	R2												
	PE	OL1-2G43-5163	P&ID - UTILITY SYSTEMS - LP STEAM DISTRIBUTION - SHEET 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5164	P&ID - UTILITY SYSTEMS - LP STEAM DISTRIBUTION - SHEET 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5166	P&ID - Olefins Unit 10 - BFW - Steam - Steam Condensate System - LP Steam LS1 Distribution - Sheet 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5168	P&ID - Olefins Unit 10 - BFW - Steam - Steam Condensate System - VLP Steam Ls2 Distribution - Sheet 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5170	P&ID - UTILITY SYSTEMS - SHP/HP CONDENSATE COLLECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5172	P&ID - UTILITY SYSTEMS - MP CONDENSATE COLLECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5176	P&ID - UTILITY SYSTEMS - LP CONDENSATE COLLECTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5177	P&ID - Olefins Unit 10 - BFW - Steam - Steam Condensate System - LP Condensate Collection - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5178	P&ID - Olefins Unit 10 - BFW - Steam - Steam Condensate System - LP Condensate Collection - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5179	P&ID - UTILITY SYSTEMS - VLP CONDENSATE COLLECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	25/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	25/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00718	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5201	P&ID - UTILITY SYSTEMS - FUEL GAS SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5202	P&ID - Olefins Unit 10 - Fuel System - Fuel Gas Drum	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5203	P&ID - UTILITY SYSTEMS - PILOT GAS VAPORIZER AND SUPERHEATER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5210	P&ID - UTILITY SYSTEMS - FUEL GAS DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G43-5211	P&ID - UTILITY SYSTEMS - FUEL GAS DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5301	P&ID - COOLING WATER TOWER - COOLING TOWER - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5302	P&ID - UTILITY SYSTEMS - COOLING TOWER - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5303	P&ID - Olefins Unit 10 - Cooling Water - Cooling Tower-Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5305	P&ID - UTILITY SYSTEMS - COOLING WATER SUPPLY PUMPS - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5306	P&ID - UTILITY SYSTEMS - COOLING WATER SUPPLY PUMPS - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5307	P&ID - UTILITY SYSTEMS - CTU COOLING WATER SUPPY PUMPS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5310	P&ID - UTILITY SYSTEMS - COOLING WATER SUPPY	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5311	P&ID - UTILITY SYSTEMS - CTU COOLING WATER SUPPY	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5315	P&ID - UTILITY SYSTEMS - COOLING WATER SIDE STREAM FILTER PACKAGE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5317	P&ID - UTILITY SYSTEMS - COOLING WATER FILTER BACKWASH	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5320	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5321	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5322	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5323	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5324	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5325	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 6	Class 2	Purpose**	IFR	CAN											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	13/12/2018	22/04/2019											
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G43-5326	P&ID - UTILITY SYSTEMS - COOLING WATER DISTRIBUTION - SHEET 7	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	12/12/2018	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5351	P&ID - Olefins Unit 10 - Cooling Water - Cooling Water Chemical Injection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5352	P&ID - Olefins Unit 10 - Cooling Water - Cooling Water Corrosion Inhibitor Injection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5401	P&ID - UTILITY SYSTEMS - PLANT AIR DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5402	P&ID - UTILITY SYSTEMS - PLANT AIR DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5403	P&ID - UTILITY SYSTEMS - PLANT AIR DISTRIBUTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5404	P&ID - UTILITY SYSTEMS - PLANT AIR DISTRIBUTION - SHEET 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5410	P&ID - UTILITY SYSTEMS - INSTRUMENT AIR RECEIVER	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5411	P&ID - UTILITY SYSTEMS - INSTRUMENT AIR DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G43-5412	P&ID - UTILITY SYSTEMS - INSTRUMENT AIR DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5420	P&ID - UTILITY SYSTEMS - NITROGEN DISTRIBUTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5421	P&ID - UTILITY SYSTEMS - NITROGEN DISTRIBUTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5422	P&ID - UTILITY SYSTEMS - NITROGEN DISTRIBUTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5424	P&ID - UTILITY SYSTEMS - NITROGEN DISTRIBUTION - SHEET 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/02/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G43-5425	P&ID - UTILITY SYSTEMS - NITROGEN DISTRIBUTION - SHEET 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5426	P&ID - Olefins Unit 10 - Plant Air - Instrument Air - Nitrogen - Nitrogen Distribution - Sheet 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	29/01/2019	25/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	29/01/2019	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00758	TPSK-LSPA1-T-PE-01478											
					Return Date	26/02/2019	19/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5501	P&ID - UTILITY SYSTEMS - HOT FLARE KO DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5502	P&ID - UTILITY SYSTEMS - COLD FLARE KO DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5503	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Methanol Vaporizer	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5510	P&ID - UTILITY SYSTEMS - WET FLARE HEADER - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5511	P&ID - UTILITY SYSTEMS - WET FLARE HEADER - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5512	P&ID - UTILITY SYSTEMS - WET FLARE HEADER - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5514	P&ID - UTILITY SYSTEMS - WET FLARE HEADER - SHEET 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5516	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Wet Flare Header - Sheet 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5518	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Wet Flare Header - Sheet 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5519	P&ID - Olefins Unit 10 - Vent Gas And Flare System - LP Flare Header - Sheet 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5520	P&ID - UTILITY SYSTEMS - COLD FLARE HEADER - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5521	P&ID - UTILITY SYSTEMS - COLD FLARE HEADER - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5523	P&ID - UTILITY SYSTEMS - COLD FLARE HEADER - SHEET 4 - DELETED	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5524	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Cold Flare Header - Sheet 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5526	P&ID - UTILITY SYSTEMS - PROPYLENE BLOWDOWN HEADER - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5528	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Propylene Blowdown Header - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5529	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Hot Blowdown Header - Sheet 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5531	P&ID - UTILITY SYSTEMS - HOT BLOWDOWN HEADER - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5533	P&ID - UTILITY SYSTEMS - HOT BLOWDOWN HEADER - SHEET 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5534	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Hot Blowdown Header - Sheet 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5535	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Cold Blowdown Header - Sheet 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5536	P&ID - UTILITY SYSTEMS - COLD BLOWDOWN HEADER - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5540	P&ID - UTILITY SYSTEMS - VOC VENT COLLECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5542	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Cold Blowdown Header - Sheet 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	23/01/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5545	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Vent Collection System - Sheet 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5546	P&ID - Olefins Unit 10 - Vent Gas And Flare System - Vent Collection System - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5551	P&ID - UTILITY SYSTEMS - HP FLARE KO DRUM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5553	P&ID - UTILITY SYSTEMS - HP FLARE PILOT GAS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Actual	23/01/2019	06/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5555	P&ID - UTILITY SYSTEMS - HP FLARE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Return Date	15/02/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G43-5575	P&ID - UTILITY SYSTEMS - LLDPE FLARE	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	16/04/2019	06/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00706	TPSK-LSPA1-T-PE-01587											
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					Owner Cmmt*	R2												
	PE	OL1-2G43-5601	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Issue Actual	15/02/2019	26/04/2019											
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5602	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
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					Issue Actual	15/02/2019	26/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5603	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5604	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 4	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
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					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5605	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 5	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
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					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5606	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 6	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
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					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5607	P&ID - UTILITY SYSTEMS - ISBL OILY WATER COLLECTION - SHEET 7	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5608	P&ID - Olefins Unit 10 - Wastewater - C3 Hydrog Area Oily Wastewater Sump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5609	P&ID - Olefins Unit 10 - Wastewater - Flare Kod Area Oily Wastewater Sump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5610	P&ID - Olefins Unit 10 - Wastewater - Oily Waste Water Collection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5620	P&ID - UTILITY SYSTEMS - OLEFINS STORM WATER COLLECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5621	P&ID - Olefins Unit 10 - Wastewater - HP Flare Area Storm Water Collection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5630	P&ID - UTILITY SYSTEMS - OLEFINS HOLDING BASIN	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5631	P&ID - Olefins Unit 10 - Wastewater - Olefins Holding Basin - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5640	P&ID - UTILITY SYSTEMS - SANITARY LIFT STATION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
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					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
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					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5641	P&ID - UTILITY SYSTEMS - SANITARY LIFT STATION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Issue Actual	15/02/2019	26/04/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499									
					Return Date	13/03/2019	29/05/2019									
					Owner Cmmt*	R2	R2									
	PE	OL1-2G43-5642	P&ID - Olefins Unit 10 - Wastewater - Sanitary Lift Station - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.	A	B									
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020				

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual	15/02/2019	26/04/2019											
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5649	P&ID - Olefins Unit 10 - Wastewater - HP Flare Area Oily Wastewater Sump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5650	P&ID - Olefins Unit 10 - Wastewater - CT Area Oily Wastewater Sump	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	15/02/2019	26/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5651	P&ID - UTILITY SYSTEMS - OSBL OILY WATER COLLECTION - SHEET 1	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Issue Actual	15/02/2019	26/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5652	P&ID - UTILITY SYSTEMS - OSBL OILY WATER COLLECTION - SHEET 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	15/02/2019	26/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5653	P&ID - UTILITY SYSTEMS - OSBL OILY WATER COLLECTION - SHEET 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	15/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	15/02/2019	26/04/2019											
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5654	P&ID - Olefins Unit 10 - Wastewater - Equalization Tank	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5655	P&ID - Olefins Unit 10 - Wastewater - Waste Water CPI-IGF Package	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5656	P&ID - Olefins Unit 10 - Wastewater - Domestic Wastewater Collection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Issue Actual	15/02/2019	26/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5657	P&ID - Olefins Unit 10 - Wastewater - Bio Equalization Pit	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5658	P&ID - Olefins Unit 10 - Wastewater - Bio Treatment Package	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5660	P&ID - Olefins Unit 10 - Wastewater - Final Check Basin	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5662	P&ID - Olefins Unit 10 - Wastewater - Dewatering System	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5665	P&ID - Olefins Unit 10 - Wastewater - Slop Oil Tank A	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Return Date	13/03/2019	29/05/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*	R2	R2											
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					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5667	P&ID - Olefins Unit 10 - Wastewater - Oily Sludge Tank	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
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					Revised Plan	18/02/2019	26/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
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					Transmittal no.	TPSK-LSPA1-T-PE-00855	TPSK-LSPA1-T-PE-01499											
					Return Date	13/03/2019	29/05/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5903	P&ID - UTILITY SYSTEMS - COOLING WATER HYPOCHLORIDE AND ACID INJECTION	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/01/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5904	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - 98 percent Sulfuric Acid Chemical Injection	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5905	P&ID - UTILITY SYSTEMS - NEUTRALIZING AMINE INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5907	P&ID - UTILITY SYSTEMS - OXYGEN SCAVENGER INJECTION SYSTEM	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5908	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - Phosphate Injection System	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5915	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - Condensate Pump Turbine Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5920	P&ID - UTILITY SYSTEMS - COOLING WATER SUPPLY PUMP TURBINES	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5921	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - Olefins CW Pump Turbine Details - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5922	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - Ctu Cooling Water Pump Turbine Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5925	P&ID - UTILITY SYSTEMS - SHP BFW PUMP TURBINE DETAILS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5927	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - SHP BFW Lube Oil Pump Turbine A Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5928	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - SHP BFW Lube Oil Pump Turbine B Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5929	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - VLP BFW Pump Turbine Details	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5930	P&ID - UTILITY SYSTEMS - SHP BFW LUBE OIL PUMP TURBINE DETAILS	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	31/01/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	31/01/2019	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00776	TPSK-LSPA1-T-PE-01425											
					Return Date	26/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5932	P&ID - Olefins Unit 10 - Supporting Utilities Auxiliaries - 98 percent Sulfuric Acid Pumps	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.	A	B											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	18/02/2019	22/04/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual	13/12/2018	22/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00491	TPSK-LSPA1-T-PE-01425											
					Return Date	15/02/2019	04/06/2019											
					Owner Cmmt*	R2	R2											
	PE	OL1-2G43-5933	P&Id - Olefins Unit 10 - Supporting Utilities Auxiliaries - Sulfuric Acid Chemical Injection - Sheet 3	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual		22/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01425											
					Return Date		04/06/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G43-5934	P&Id - Olefins Unit 10 - Supporting Utilities Auxiliaries - Sodium Hypochlorite Chemical Injection - Sheet 2	Class 2	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	14/02/2019	19/03/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Revised Plan	16/05/2019	22/05/2019	06/08/2019	11/11/2019	07/02/2020	24/04/2020	24/07/2020						
					Issue Actual		22/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01425											
					Return Date		04/06/2019											
					Owner Cmmt*		R2											
Category Code: G44 Heat and Material Balance																		
	PE	OL1-2G44-1001	OVERALL MATERIAL BALANCE	Class 3	Purpose**	IFI	IFI											
					Rev.	A	0											
					Issue Plan	21/01/2019												
					Revised Plan	03/08/2018												
					Issue Actual	06/08/2018	29/03/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00009	TPSK-LSPA1-T-PE-01199											
					Return Date	23/08/2018	22/04/2019											
					Owner Cmmt*	R2	R1											
	PE	OL1-2G44-1002	HEAT & MATERIAL BALANCE - DESIGN CASE 6	Class 3	Purpose**	IFI												
					Rev.	A												
					Issue Plan	21/01/2019												
					Revised Plan	30/08/2018												
					Issue Actual	31/08/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00032												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G44-1003	HEAT & MATERIAL BALANCE - DESIGN CASE 8	Class 3	Purpose**	IFI												
					Rev.	A												
					Issue Plan	21/01/2019												
					Revised Plan	30/08/2018												
					Issue Actual	31/08/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00032												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G44-1004	HEAT & MATERIAL BALANCE - DESIGN CASE 9	Class 3	Purpose**	IFI												
					Rev.	A												
					Issue Plan	21/01/2019												
					Revised Plan	30/08/2018												
					Issue Actual	31/08/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00032												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G44-1010	HEAT & MATERIAL BALANCE - ISBL SUPPORTING UTILITIES	Class 3	Purpose**	IFI												
					Rev.	A												
					Issue Plan	21/01/2019												
					Revised Plan	03/10/2018												
					Issue Actual	03/10/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00128												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G44-1011	HEAT & MATERIAL BALANCE - AREA-53 (COOLING WATER SYSTEM)	Class 3	Purpose**	IFI												
					Rev.	A												
					Issue Plan	21/01/2019												
					Revised Plan	01/10/2018												
					Issue Actual	01/10/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00116												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G44-1012	HEAT & MATERIAL BALANCE - AREA-55 (FLARE SYSTEM)	Class 3	Purpose**	IFI												
					Rev.	0												
					Issue Plan	21/01/2019												
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01492												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G44-1013	HEAT & MATERIAL BALANCE - AREA-56 (WWT SYSTEM)	Class 3	Purpose**	IFI	IFI											
					Rev.	A	1											
					Issue Plan	21/01/2019												
					Revised Plan	03/01/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	03/01/2019	19/02/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00581	TPSK-LSPA1-T-PE-00892												
					Return Date														
					Owner Cmmt*														
Category Code: G50 Interlocking Description/Cause and Effect Diagrams																			
	PE	OL1-2G50-1001	SHUTDOWN INTERLOCK NARRATIVE (36M FURNACE)	Class 2	Purpose**	IDD1	IDD2	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020									
					Revised Plan	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G50-1002	132U Cause and Effect Diagram Cracking Furnaces	Class 2	Purpose**	IBD													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/05/2019													
					Issue Actual	28/05/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01758													
					Return Date	21/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G50-1003	Cause and Effect Diagram Area 10 Feed Preparation and Feed Preheat	Class 2	Purpose**	IFI													
					Rev.														
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G50-1004	Instrument Interlock Descriptions Area 10 Feed Preparation and Feed Preheat	Class 2	Purpose**	IFI													
					Rev.														
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G50-1101	Instrument Interlock Descriptions Area 11 - 10-H-1100	Class 2	Purpose**	IFR	IFD	IBD	IFD	IFC									
					Rev.	A	B		B										
					Issue Plan	19/03/2019	11/04/2019	22/10/2019	11/04/2019	28/10/2019									
					Revised Plan	16/04/2019	23/05/2019	22/10/2019	23/05/2019	28/10/2019									
					Issue Actual	16/04/2019	10/07/2019		10/07/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-01367	TPSK-LSPA1-T-PE-02112		TPSK-LSPA1-T-PE-02112										
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G50-1102	Cause and Effect Diagrams Cracking Furnace - 36M - Ex Doc Client Ref OL1-2G50-1001	Class 2	Purpose**	IBD													
					Rev.	D													
					Issue Plan														
					Revised Plan	10/07/2019													
					Issue Actual	10/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-02111													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2G50-1201	Instrument Interlock Descriptions Area 12-16	Class 2	Purpose**	IFR	IFD	IBD	IFD	IFC									
					Rev.	A	B		B										
					Issue Plan	19/03/2019	11/04/2019	22/10/2019	11/04/2019	28/10/2019									
					Revised Plan	16/04/2019	23/05/2019	22/10/2019	23/05/2019	28/10/2019									
					Issue Actual	02/05/2019	10/07/2019		10/07/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-01561	TPSK-LSPA1-T-PE-02112		TPSK-LSPA1-T-PE-02112										
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	PE	OL1-2G50-1202	Cause and Effect Diagrams Liquid Cracking Furnaces - 132U - Ex Doc Client Ref OL1-2G50-1002	Class 2	Purpose**	IBD													
					Rev.	B													
					Issue Plan														
					Revised Plan	10/07/2019													
					Issue Actual	10/07/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-02111													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G50-2001	SHUTDOWN INTERLOCK NARRATIVE	Class 2	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.														
					Issue Plan	19/07/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020								
					Revised Plan	19/07/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020								
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2G50-2002	Instrument Interlock Descriptions Area 20 Quench Oil	Class 2	Purpose**	IFI													
					Rev.														
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2G50-2101	Cause and Effect Diagram - Area 21 - Quench Water - Dilution Steam	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.		A												
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020							
					Revised Plan	19/07/2019	25/03/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020							
					Issue Actual		25/03/2019												
					Transmittal no.		TPSK-LSPA1-T-PE-01137												
					Return Date		22/04/2019												
					Owner Cmmt*		R2												
	PE	OL1-2G50-2102	Instrument Interlock Descriptions - Area 21 - Quench Water - Dilution Steam	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.		A												
					Issue Plan	19/07/2019		05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	25/03/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual		25/03/2019												
					Transmittal no.		TPSK-LSPA1-T-PE-01149												
					Return Date		22/04/2019												
					Owner Cmmt*		R2												
	PE	OL1-2G50-2201	Cause and Effect Diagram - Area 22 - Cracked Gas Compressor	Class 2	Purpose**	IFI	IFR	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A	B											
					Issue Plan	19/07/2019			05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	28/03/2019	29/03/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		28/03/2019	29/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01183	TPSK-LSPA1-T-PE--01204											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G50-2202	Instrument Interlock Descriptions - Area 22 - Cracked Gas Compressor	Class 2	Purpose**	IFI	IFR	IDD	IFC									
					Rev.		A											
					Issue Plan	05/07/2019		20/12/2019	30/04/2020									
					Revised Plan	05/07/2019	29/03/2019	20/12/2019	30/04/2020									
					Issue Actual		29/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01203											
					Return Date		04/06/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2301	Cause and Effect Diagram - Area 23 - Caustic and Spent Caustic Treatment	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	28/03/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		28/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01183											
					Return Date		04/06/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2302	Instrument Interlock Descriptions - Area 23 - Caustic and Spent Caustic Treatment	Class 2	Purpose**	IFI	IFR	IDD	IFC									
					Rev.		A											
					Issue Plan	05/07/2019		20/12/2019	30/04/2020									
					Revised Plan	05/07/2019	28/03/2019	20/12/2019	30/04/2020									
					Issue Actual		28/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01185											
					Return Date		04/06/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2401	Cause and Effect Diagram - Area 24 - Dehydration - Regen - Deprop- C2 Hydrog	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	05/04/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		05/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01267											
					Return Date		09/05/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2402	Instrument Interlock Descriptions - Area 24 - Dehydration - Regen - Deprop- C2 Hydrog	Class 2	Purpose**	IFI	IFR	IDD	IFC									
					Rev.		A											
					Issue Plan	05/07/2019		20/12/2019	30/04/2020									
					Revised Plan	05/07/2019	05/04/2019	20/12/2019	30/04/2020									
					Issue Actual		05/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01266											
					Return Date		09/05/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2501	Cause and Effect Diagram - Area 25 - Cold Fractionation "CAUSE AND EFFECT DIAGRAM AREA 25: COLD FRAC	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	21/03/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		21/03/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01133											
					Return Date		11/04/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2502	Instrument Interlock Descriptions - Area 25 - Cold Fractionation	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020						
					Revised Plan	19/07/2019	02/04/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020						
					Issue Actual		02/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01225											
					Return Date		16/05/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2601	Cause and Effect Diagram - Area 26 - Hot Fractionation	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	22/04/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		22/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01429											
					Return Date		05/06/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2602	Instrument Interlock Description Area 26 - Hot Fractionation	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	20/05/2019												
					Issue Actual	20/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01691												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-2701	Cause and Effect Diagram - Area 27 - GHU & C4-C5 Hydrog	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	25/04/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		25/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01481											
					Return Date		29/05/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2702	Instrument Interlock Descriptions - Area 27 - GHU & C4-C5 Hydrog	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	20/05/2019												
					Issue Actual	20/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01697												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-2801	Cause and Effect Diagram Area 28 - Refrigeration System	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	01/05/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		01/05/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01540											
					Return Date		29/05/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2802	Instrument Interlock Descriptions Area 28 - Refrigeration System	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/05/2019												
					Issue Actual	28/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01753												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G50-2901	Cause and Effect Diagram - Area 29 - Ethylene Auxiliaries	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	01/05/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		01/05/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01539											
					Return Date		29/05/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-2902	Instrument Interlock Descriptions Area 29 - Ethylene Auxliaries	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/05/2019												
					Issue Actual	28/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01753												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G50-3001	SHUTDOWN INTERLOCK NARRATIVE	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	30/05/2019												
					Issue Actual	30/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01773												
					Return Date	21/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-3002	Instrument Interlock Descriptions Area 30 - Butadiene Extraction Unit BDU	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01868												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G50-5101	Cause and Effect Diagram - Area 51 - BFW- Steam - Steam Condensate System	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01471												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-5102	Instrument Interlock Descriptions - Area 51 - BFW-Steam - Steam Condensate System	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/05/2019												
					Issue Actual	06/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01573												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-5201	Cause and Effect Diagram - Area 52 - Fuel System	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	25/04/2019												
					Issue Actual	25/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01480												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-5202	Instrument Interlock Descriptions - Area 52 - Fuel System	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/05/2019												
					Issue Actual	06/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01573												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-5301	Cause and Effect Diagram Area 53 Cooling Water System	Class 2	Purpose**	IFI												
					Rev.													
					Issue Plan	19/07/2019												
					Revised Plan	19/07/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2G50-5302	Instrument Interlock Descriptions Area 53 Cooling Water System	Class 2	Purpose**	IFI												
					Rev.													
					Issue Plan	19/07/2019												
					Revised Plan	19/07/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G50-5501	Cause and Effect Diagram - Area 55 - Vent Gas and Flare System	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3						
					Rev.		A											
					Issue Plan	19/07/2019		05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Revised Plan	19/07/2019	22/04/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020						
					Issue Actual		22/04/2019											
					Transmittal no.		TPSK-LSPA1-T-PE-01429											
					Return Date		05/06/2019											
					Owner Cmmt*		R2											
	PE	OL1-2G50-5502	Instrument Interlock Descriptions Area 55 - Vent Gas and Flare System	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	30/04/2019												
					Issue Actual	30/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01523												
					Return Date	29/05/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G50-5601	Cause and Effect Diagram - Area 56 - Wastewater	Class 2	Purpose**	IFI	IFR	IFR	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A	B										
					Issue Plan	19/07/2019			05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020					
					Revised Plan	19/07/2019	24/04/2019	01/05/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020					
					Issue Actual		24/04/2019	01/05/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-01462	TPSK-LSPA1-T-PE-01537										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	PE	OL1-2G50-5602	Instrument Interlock Descriptions - Area 56 - Wastewater	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	01/05/2019												

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LONG SON PETROCHEMICALS

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days
					Issue Actual	01/05/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-01538									
					Return Date	29/05/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G50-5901	Cause and Effect Diagram Area 59 Supporting Utilities Auxiliaries	Class 2	Purpose**	Issued For Basic Design									
					Rev.	B									
					Issue Plan										
					Revised Plan	02/07/2019									
					Issue Actual	02/07/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-02036									
					Return Date										
					Owner Cmmt*										
	IE	OL1-2G50-5902	Instrument Interlock Descriptions Area 59 Supporting Utilities Auxiliaries	Class 2	Purpose**	Issued For Basic Design									
					Rev.	B									
					Issue Plan										
					Revised Plan	09/07/2019									
					Issue Actual	09/07/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-02038									
					Return Date										
					Owner Cmmt*										
Category Code: G51 Sequence of Operation				Class 2	Purpose**										
	PE	OL1-2G51-2403	Sequence Narratives - Area 24 - Dehydration - Regen - Deprop - C2 Hydrog	Class 2	Purpose**	IFI	IFR	IDD1	IDD2	IFC1	IFC2	IFC3			
					Rev.		A								
					Issue Plan	19/07/2019		05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020			
					Revised Plan	19/07/2019	16/04/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020			
					Issue Actual		16/04/2019								
					Transmittal no.		TPSK-LSPA1-T-PE-01374								
					Return Date		24/05/2019								
					Owner Cmmt*		R2								
Category Code: G60 Battery Limit and Tie-in															
	PE	OL1-2G60-0001	BATTERY LIMIT SUMMARY	Class 2	Purpose**	IFR	IDD	IFF							
					Rev.	A									
					Issue Plan	12/04/2019	15/11/2019	15/08/2020							
					Revised Plan	16/04/2019	15/11/2019	15/08/2020							
					Issue Actual	28/02/2019									
					Transmittal no.	TPSK-LSPA1-T-PE-00948									
					Return Date	10/04/2019									
					Owner Cmmt*	R2									
	PE	OL1-2G60-1101	TIE-IN SUMMARY - FURNACE AREA 10-H-1100	Class 2	Purpose**	IFR	IFD	IFF							
					Rev.										
					Issue Plan	24/01/2019	24/06/2019	17/09/2019							
					Revised Plan	28/03/2019	24/06/2019	17/09/2019							
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
	PE	OL1-2G60-1201	TIE-IN SUMMARY - FURNACE AREA 10-H-1200	Class 2	Purpose**	IFR	IFD	IFF							
					Rev.										
					Issue Plan	24/01/2019	24/06/2019	17/09/2019							
					Revised Plan	28/03/2019	24/06/2019	17/09/2019							
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
	PE	OL1-2G60-1301	TIE-IN SUMMARY - FURNACE AREA 10-H-1300	Class 2	Purpose**	IFR	IFD	IFF							
					Rev.										
					Issue Plan	24/01/2019	24/06/2019	17/09/2019							
					Revised Plan	28/03/2019	24/06/2019	17/09/2019							
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
	PE	OL1-2G60-1401	TIE-IN SUMMARY - FURNACE AREA 10-H-1400	Class 2	Purpose**	IFR	IFD	IFF							
					Rev.										
					Issue Plan	24/01/2019	24/06/2019	17/09/2019							
					Revised Plan	28/03/2019	24/06/2019	17/09/2019							
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
	PE	OL1-2G60-1501	TIE-IN SUMMARY - FURNACE AREA 10-H-1500	Class 2	Purpose**	IFR	IFD	IFF							
					Rev.										
					Issue Plan	24/01/2019	24/06/2019	17/09/2019							
					Revised Plan	28/03/2019	24/06/2019	17/09/2019							
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
	PE	OL1-2G60-1601	TIE-IN SUMMARY - FURNACE AREA 10-H-1600	Class 2	Purpose**	IFR	IFD	IFF							
					Rev.										
					Issue Plan	24/01/2019	24/06/2019	17/09/2019							
					Revised Plan	28/03/2019	24/06/2019	17/09/2019							
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
Category Code: G61 Equipment List															
	PE	OL1-2G61-9001	EQUIPMENT LIST - OLEFINS UNIT 10	Class 3	Purpose**	IFI									
					Rev.										
					Issue Plan	21/02/2019									
					Revised Plan	20/05/2019									
					Issue Actual										
					Transmittal no.										
					Return Date										
					Owner Cmmt*										
Category Code: G62 Utility Summary															
	PE	OL1-2G62-1001	STEAM BALANCE - DESIGN CASES	Class 3	Purpose**	IFI									
					Rev.	A									
					Issue Plan	02/01/2019									
					Revised Plan	14/09/2018									
					Issue Actual	17/09/2018									
					Transmittal no.	TPSK-LSPA1-T-PE-00059									
					Return Date	04/10/2018									
					Owner Cmmt*										
	PE	OL1-2G62-1006	COOLING WATER BALANCE - DESIGN CASES	Class 3	Purpose**	IFI	IFF								
					Rev.	A									
					Issue Plan	12/09/2018	30/04/2020								

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	12/09/2018	30/04/2020											
					Issue Actual	17/09/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00054												
					Return Date	09/10/2018												
					Owner Cmmt*	R2												
	PE	OL1-2G62-1008	FUEL BALANCE - DESIGN CASES	Class 3	Purpose**	IFI												
					Rev.	A												
					Issue Plan	02/01/2019												
					Revised Plan	12/09/2018												
					Issue Actual	13/09/2018												
					Transmittal no.	TPSK-LSPA1-T-PE-00049												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G62-1010	AIR & NITROGEN BALANCES	Class 3	Purpose**	IFI												
					Rev.	0												
					Issue Plan	02/01/2019												
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01644												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2G62-1011	ELECTRICAL LOAD SUMMARY	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	04/01/2019												
					Revised Plan	02/07/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: G63 Plant Effluent Summary																		
	PE	OL1-2G63-0001	Effluent Summary	Class 2	Purpose**	IFR	IFD	IFD	IDD	IFF								
					Rev.	A	B	C										
					Issue Plan	21/02/2019	14/03/2019		03/12/2019	30/03/2020								
					Revised Plan	25/02/2019	10/05/2019		03/12/2019	30/03/2020								
					Issue Actual	25/02/2019	10/05/2019	10/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00922	TPSK-LSPA1-T-PE-01639	TPSK-LSPA1-T-PE-02123										
					Return Date	21/03/2019	31/05/2019											
					Owner Cmmt*	R1	R2											
Category Code: G64 Catalyst, Adsobent, and Chemicals Summary				Class 1	Purpose**													
	PE	OL1-2G64-1002	Catalyst & Chemicals Summary	Class 2	Purpose**	IFI	IFI	IFI	IFF									
					Rev.	0	1	2										
					Issue Plan	07/02/2019			13/12/2019									
					Revised Plan	25/03/2019			13/12/2019									
					Issue Actual	25/03/2019	14/05/2019	02/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-01143	TPSK-LSPA1-T-PE-01659	TPSK-LSPA1-T-PE-02039										
					Return Date	22/04/2019	03/06/2019											
					Owner Cmmt*	R2	R2											
Category Code: G70 Materials specification and; Utilities specfication and; Catalyst, Adsobent,; and Chemicals specification and ; Fluid																		
Category Code: G71 Effluent and Waste specification																		
Category Code: G72 Standard and Specification																		
Category Code: G73 Guide to Safe Handling of Material																		
Category Code: G74 Material Selection Guideline																		
	ME	OL1-2G74-0001	Material Selection Diagram - Olefins Unit 10 - Legend & Notes	Class 2	Purpose**	IFA												
					Rev.	A												
					Issue Plan													
					Revised Plan	09/11/2018												
					Issue Actual	09/11/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00295												
					Return Date	10/12/2018												
					Owner Cmmt*	A2												
	PE	OL1-2G74-1001	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 10 FEED PREPARATION - FEED PREHEAT	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-1003	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 10 FEED PREPARATION - FEEDSTOCK DISTRIBUTION	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-1101	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 11 FURNACES - RECYCLE GAS CRACKING FURNACE	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-1201	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 12 FURNACES - LIQUID CRACKING FURNACE	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-1901	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 19 FEED PREPARATION & FURNACES AUX - DECOKE AIR	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-1902	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 19 FEED PREPARATION & FURNACES AUX - CHEMICAL S	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*		A2											
	PE	OL1-2G74-2001	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 20 QUENCH OIL - QUENCH OIL TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2002	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 20 QUENCH OIL - HEAVY FUEL OIL STRIPPER	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2101	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 21 QUENCH WATER / DILUTION STEAM - QUENCH WAT	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2102	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 21 QUENCH WATER / DILUTION STEAM - QUENCH WAT	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2103	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 21 QUENCH WATER / DILUTION STEAM - DILUTION STE	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2201	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 22 CRACKED GAS COMPRESSION - CRACKED GAS COMP	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2301	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - CAUSTIC T	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2302	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAU	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2303	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAU	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2304	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - SPENT CAU	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2305	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 23 CAUSTIC & SPENT CAUSTIC TREATMENT - WET AIR O	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2401	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - CG	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2402	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - RE	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2403	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - HP	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2404	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - C2	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2405	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 24 DEHYDRATION / REGEN / DEPROP / C2 HYDROG - LP	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2501	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - DEMETHANIZER PREFRACTI	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2502	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - RESIDUE GAS SYSTEM	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2503	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - DEMETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2504	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - DEETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2505	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - ETHYLENE FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2506	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 25 COLD FRACTIONATION - HYDROGEN PURIFICATION	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2601	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - C3 HYDROGENATION	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2602	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - SECONDARY DEETHANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2603	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - PROPYLENE FRACTIONATION	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2604	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 26 HOT FRACTIONATION - DEBUTANIZER	Class 1	Purpose**	IFR	IFA	IFD	IFF										
					Rev.		A												
					Issue Plan	09/11/2018		08/04/2019	15/09/2019										
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019										
					Issue Actual		09/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00295												
					Return Date		10/12/2018												
					Owner Cmmt*		A2												
	PE	OL1-2G74-2701	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - GHU-1 REACTOR & DEPENT	Class 1	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	04/03/2019	15/06/2019	15/09/2019											
					Revised Plan	14/06/2019	15/06/2019	15/09/2019											
					Issue Actual														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-2702	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - GHU-1 RERUN TOWER	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-2703	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - HYDROG REACTIVATION GA	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-2704	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 27 GHU & C4/C5 HYDROG - C4/C5 HYDROGENATION	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-2801	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - PROPYLENE REFRIGERATI	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2802	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - PROPYLENE REFRIGERATI	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2803	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - ETHYLENE REFRIGERATION	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2804	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 28 REFRIGERATION SYSTEM - ETHYLENE REFRIGERATION	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-2901	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 29 OLEFINS RECOVERY AUX - CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	09/11/2018		08/04/2019	15/09/2019									
					Revised Plan	09/11/2018	09/11/2018	31/07/2019	15/09/2019									
					Issue Actual		09/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00295											
					Return Date		10/12/2018											
					Owner Cmmt*		A2											
	PE	OL1-2G74-3001	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU PREDISTILLATION	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-3002	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU EVAPORATION	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-3003	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU RECTIFIER	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-3004	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU DEGASSING	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-3005	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 30 C4 UNIT - BDU FRACTIONATION	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document				*Owner Feedback (Comment)				*** Classification
IFR = Issue For Review	IFF = Issue For Final			A1 = App. w/o comments			R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built			A2 = App. with comments, re-submit not required			R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction			A3 = App. with comments, re-submit for review				Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation			A4 = Not App., re-submit for approval				
IFP = Issue For Planning	/ Execution							
IFD = Issue For Design	CAN = Issue for Cancellation							

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
	PE	OL1-2G74-3101	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 31 C4 UNIT UTILITIES - BDU SOLVENT REGENERATION	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-3102	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 31 C4 UNIT UTILITIES - BDU STEAM AND CONDENSATE S	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-3901	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 39 C4 UNIT AUX - BDU CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	04/03/2019	15/06/2019	15/09/2019										
					Revised Plan	14/06/2019	15/06/2019	15/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5001	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 50 WATER SYSTEMS - TREATED, POTABLE, AND DEMIN V	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5101	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - STEAM BALANCE DIA	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5102	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - CONDENSATE AND B	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5103	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - CONDENSATE TREAT	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5104	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 51 BFW, STEAM, COND SYSTEMS - FURNACE BLOWDOV	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5201	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 52 FUEL SYSTEM - FUEL GAS SYSTEM	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5301	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 53 COOLING WATER SYSTEM - COOLING WATER DIAGR	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	29/11/2018	15/06/2019	15/09/2019									
					Issue Actual		29/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00399											
					Return Date		15/02/2019											
					Owner Cmmt*		A2											
	PE	OL1-2G74-5311	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 53 COOLING WATER SYSTEM - COOLING TOWER	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	29/11/2018	15/06/2019	15/09/2019									
					Issue Actual		29/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00399											
					Return Date		15/02/2019											
					Owner Cmmt*		A2											
	PE	OL1-2G74-5401	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 54 AIR AND NITROGEN SYSTEM - PLANT AIR, INSTRUME	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	01/12/2018	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5501	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - FLARE AND BLOWDO	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									
					Revised Plan	16/01/2019	08/01/2019	15/06/2019	15/09/2019									
					Issue Actual		08/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00608											
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G74-5502	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - PROCESS VENT GAS (	Class 1	Purpose**	IFR	IFA	IFD	IFF									
					Rev.		A											
					Issue Plan	04/03/2019		15/06/2019	15/09/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment		Working Days		
					Revised Plan	16/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5511	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - HP FLARE	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	16/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5512	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 55 VENT GAS AND FLARE SYSTEM - HP FLARE AREA	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	16/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5601	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - OILY WASTEWATER COLLECTION	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5602	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - SURFACE RUNOFF COLLECTION	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5603	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - CRACKER HOLDING BASIN	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5604	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - DOMESTIC WASTEWATER COLLECTI	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	ME	OL1-2G74-5610	Material Selection Diagram - Olefins Unit 10 - 56 Wastewater - HP Flare Area SW & Oily WW Collection	Class 2	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	18/03/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5611	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - OSBL OILY WASTEWATER COLLECTI	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5612	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - OILY WASTEWATER EQUILIZATION T	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5613	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - CPI & IGF PACKAGES	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5614	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - BIOTREATMENT PACKAGE	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5615	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - CHECK BASIN	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													
					Return Date															
					Owner Cmmt*															
	PE	OL1-2G74-5616	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - SLUDGE DEWATERING PACKAGE	Class 1	Purpose**	IFR	IFA	IFD	IFF											
					Rev.		A													
					Issue Plan	04/03/2019		15/06/2019	15/09/2019											
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019											
					Issue Actual		08/01/2019													
					Transmittal no.		TPSK-LSPA1-T-ME-00608													

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment					Working Days			
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G74-5617	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 56 WASTEWATER - SLOP AND OIL SLUDGE	Class 1	Purpose**	IFR	IFA	IFD	IFF								
					Rev.		A										
					Issue Plan	04/03/2019		15/06/2019	15/09/2019								
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019								
					Issue Actual		08/01/2019										
					Transmittal no.		TPSK-LSPA1-T-ME-00608										
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G74-5901	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 59 UTILITIES AUX - CHEMICAL STORAGE	Class 1	Purpose**	IFR	IFA	IFD	IFF								
					Rev.		A										
					Issue Plan	04/03/2019		15/06/2019	15/09/2019								
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019								
					Issue Actual		08/01/2019										
					Transmittal no.		TPSK-LSPA1-T-ME-00608										
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G74-5911	MATERIAL SELECTION DIAGRAM - OLEFINS UNIT 10 - 59 UTILITIES AUX - COMPLEX U & O CHEMICAL STORAG	Class 1	Purpose**	IFR	IFA	IFD	IFF								
					Rev.		A										
					Issue Plan	04/03/2019		15/06/2019	15/09/2019								
					Revised Plan	08/01/2019	08/01/2019	15/06/2019	15/09/2019								
					Issue Actual		08/01/2019										
					Transmittal no.		TPSK-LSPA1-T-ME-00608										
					Return Date												
					Owner Cmmt*												
Category Code: G75 Engineering Procedure																	
Category Code: G76 Supervisory Level Operating Procedures for all Process/Utility System(s). (Shall include Steady State, Stat-Up, Shut																	
	PE	OL1-2G76-1002	BALANCE OF PLANT SUPERVISORY OPERATING MANUAL	Class 1	Purpose**	IFR	IFD										
					Rev.												
					Issue Plan	19/07/2019	30/08/2019										
					Revised Plan	19/07/2019	30/08/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: G77 APC Functional specification																	
Category Code: G81 Appraisal Report for Consultancy Service																	
Category Code: G82 Appraisal Report for EPC Contractor Work																	
Category Code: G83 Appraisal Report for Vendor/Supplier																	
Category Code: G90 Vendor Document/drawings																	
Category Code: G91 Index/List																	
	PE	OL1-2G91-1001	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 10	Class 1	Purpose**	IFR	IFD	IFF									
					Rev.	A											
					Issue Plan	18/04/2019	16/05/2019	15/08/2020									
					Revised Plan	04/06/2019	16/05/2019	15/08/2020									
					Issue Actual	28/06/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-02020											
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G91-1002	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 10	Class 1	Purpose**	IFR	IFD										
					Rev.												
					Issue Plan	06/05/2019	13/06/2019										
					Revised Plan	11/06/2019	13/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G91-1003	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 10	Class 1	Purpose**	IFR	IFD	IFF									
					Rev.												
					Issue Plan	18/04/2019	03/12/2019	15/02/2020									
					Revised Plan	12/06/2019	03/12/2019	15/02/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G91-1101	PIPING SPECIALTY ITEM INDEX	Class 2	Purpose**	IFR	IFF										
					Rev.	A											
					Issue Plan	10/01/2019	20/02/2019										
					Revised Plan	10/05/2019	18/06/2019										
					Issue Actual	10/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01642											
					Return Date	03/06/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G91-1201	PIPING SPECIALTY ITEM INDEX	Class 2	Purpose**	IFR	IFF										
					Rev.	A											
					Issue Plan	10/01/2019	20/02/2019										
					Revised Plan	10/05/2019	18/06/2019										
					Issue Actual	10/05/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-01642											
					Return Date	03/06/2019											
					Owner Cmmt*	R1											
	PE	OL1-2G91-1301	PIPING SPECIALTY ITEM INDEX	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	10/01/2019	20/02/2019										
					Revised Plan	16/05/2019	18/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G91-1401	PIPING SPECIALTY ITEM INDEX	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	10/01/2019	20/02/2019										
					Revised Plan	16/05/2019	18/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G91-1501	PIPING SPECIALTY ITEM INDEX	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	10/01/2019	20/02/2019										
					Revised Plan	16/05/2019	18/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	PE	OL1-2G91-1601	PIPING SPECIALTY ITEM INDEX	Class 2	Purpose**	IFR	IFF										

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LONG SON PETROCHEMICALS

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LSP-2W91-0001	10
Issue Date	02/09/19

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					Rev.													
					Issue Plan	10/01/2019	20/02/2019											
					Revised Plan	16/05/2019	18/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-1901	Piping Specialty Item - Datasheet Index - Furnace Auxiliaries - Area 19	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	28/06/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02020												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2001	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 20	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02055												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2002	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 20	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2003	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 20	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2101	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 21	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02055												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2102	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 21	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2103	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 21	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2201	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 22	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01991												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G91-2202	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 22	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2203	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 22	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2301	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 23	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01992												
					Return Date	11/07/2019												
					Owner Cmmt*	R1												
	PE	OL1-2G91-2302	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 23	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2303	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 23	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										

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ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2401	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 24	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2402	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 24	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2403	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 24	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2501	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 25	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02020												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2502	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 25	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2503	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 25	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2601	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 26	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02020												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2602	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 26	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2603	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 26	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2701	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 27	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02055												
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2702	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 27	Class 1	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	06/05/2019	13/06/2019											
					Revised Plan	11/06/2019	13/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2703	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 27	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	18/04/2019	03/12/2019	15/02/2020										
					Revised Plan	12/06/2019	03/12/2019	15/02/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2G91-2801	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 28	Class 1	Purpose**	IFR	IFD	IFF										
					Rev.	A												
					Issue Plan	18/04/2019	16/05/2019	15/08/2020										
					Revised Plan	04/06/2019	16/05/2019	15/08/2020										
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-02055												
					Return Date													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification					
					Owner Cmmt*				
	PE	OL1-2G91-2802	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 28	Class 1	Purpose**	IFR	IFD		
					Rev.				
					Issue Plan	06/05/2019	13/06/2019		
					Revised Plan	11/06/2019	13/06/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-2803	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 28	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.				
					Issue Plan	18/04/2019	03/12/2019	15/02/2020	
					Revised Plan	12/06/2019	03/12/2019	15/02/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-2901	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 29	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.	A			
					Issue Plan	18/04/2019	16/05/2019	15/08/2020	
					Revised Plan	04/06/2019	16/05/2019	15/08/2020	
					Issue Actual	28/06/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02020			
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-2902	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 29	Class 1	Purpose**	IFR	IFD		
					Rev.				
					Issue Plan	06/05/2019	13/06/2019		
					Revised Plan	11/06/2019	13/06/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-2903	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 29	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.				
					Issue Plan	18/04/2019	03/12/2019	15/02/2020	
					Revised Plan	12/06/2019	03/12/2019	15/02/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-3001	PIPING SPECIALTY ITEM INDEX - OLEFINS PROCESS AREA 30	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.	A			
					Issue Plan	18/04/2019	16/05/2019	15/08/2020	
					Revised Plan	04/06/2019	16/05/2019	15/08/2020	
					Issue Actual	08/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02085			
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-3002	PRESSURE SAFETY VALVE INDEX - OLEFINS PROCESS AREA 30	Class 1	Purpose**	IFR	IFD		
					Rev.				
					Issue Plan	06/05/2019	13/06/2019		
					Revised Plan	11/06/2019	13/06/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-3003	RESTRICTION ORIFICE INDEX - OLEFINS PROCESS AREA 30	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.				
					Issue Plan	18/04/2019	03/12/2019	15/02/2020	
					Revised Plan	12/06/2019	03/12/2019	15/02/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-3101	Piping Specialty Item - Datasheet Index - Butadiene Extraction Unit Utilities - Area 31	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	08/07/2019			
					Issue Actual	08/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02085			
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-3901	Piping Specialty Item - Datasheet Index - Butadiene Extraction Unit Auxiliaries - Area 39	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	08/07/2019			
					Issue Actual	08/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02085			
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-5001	PIPING SPECIALTY ITEM INDEX - OLEFINS UTILITY AREA 50	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.	A			
					Issue Plan	18/04/2019	16/05/2019	15/08/2020	
					Revised Plan	04/06/2019	16/05/2019	15/08/2020	
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02055			
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-5002	PRESSURE SAFETY VALVE INDEX - OLEFINS UTILITY AREA 50	Class 1	Purpose**	IFR	IFD		
					Rev.				
					Issue Plan	06/05/2019	13/06/2019		
					Revised Plan	11/06/2019	13/06/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-5003	RESTRICTION ORIFICE INDEX - OLEFINS UTILITY AREA 50	Class 1	Purpose**	IFR	IFD	IFF	
					Rev.				
					Issue Plan	18/04/2019	03/12/2019	15/02/2020	
					Revised Plan	12/06/2019	03/12/2019	15/02/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	PE	OL1-2G91-5101	Piping Specialty Item - Datasheet Index - BFW-Steam-Steam Condensation System - Area 51	Class 2	Purpose**	IFR			
					Rev.	A			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5201	Piping Specialty Item - Datasheet Index - Fuel Gas System - Area 52	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5301	PIPING SPECIALTY ITEM INDEX - OLEFINS UTILITY AREA 53	Class 1	Purpose**	IFR	IFD	IFF								
					Rev.	A										
					Issue Plan	18/04/2019	16/05/2019	15/08/2020								
					Revised Plan	04/06/2019	16/05/2019	15/08/2020								
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5302	PRESSURE SAFETY VALVE INDEX - OLEFINS UTILITY AREA 53	Class 1	Purpose**	IFR	IFD									
					Rev.											
					Issue Plan	06/05/2019	13/06/2019									
					Revised Plan	11/06/2019	13/06/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5303	RESTRICTION ORIFICE INDEX - OLEFINS UTILITY AREA 53	Class 1	Purpose**	IFR	IFD	IFF								
					Rev.											
					Issue Plan	18/04/2019	03/12/2019	15/02/2020								
					Revised Plan	12/06/2019	03/12/2019	15/02/2020								
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5401	Piping Specialty Item - Datasheet Index - Plant Air-Instrument Air-Nitrogen - Area 54	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5501	PIPING SPECIALTY ITEM INDEX - OLEFINS UTILITY AREA 55	Class 1	Purpose**	IFR	IFD	IFF								
					Rev.	A										
					Issue Plan	18/04/2019	16/05/2019	15/08/2020								
					Revised Plan	04/06/2019	16/05/2019	15/08/2020								
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5502	PRESSURE SAFETY VALVE INDEX - OLEFINS UTILITY AREA 55	Class 1	Purpose**	IFR	IFD									
					Rev.											
					Issue Plan	06/05/2019	13/06/2019									
					Revised Plan	11/06/2019	13/06/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5503	RESTRICTION ORIFICE INDEX - OLEFINS UTILITY AREA 55	Class 1	Purpose**	IFR	IFD	IFF								
					Rev.											
					Issue Plan	18/04/2019	03/12/2019	15/02/2020								
					Revised Plan	12/06/2019	03/12/2019	15/02/2020								
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5601	PIPING SPECIALTY ITEM INDEX - OLEFINS UTILITY AREA 56	Class 1	Purpose**	IFR	IFD	IFF								
					Rev.	A										
					Issue Plan	18/04/2019	16/05/2019	15/08/2020								
					Revised Plan	04/06/2019	16/05/2019	15/08/2020								
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5602	PRESSURE SAFETY VALVE INDEX - OLEFINS UTILITY AREA 56	Class 1	Purpose**	IFR	IFD									
					Rev.											
					Issue Plan	06/05/2019	13/06/2019									
					Revised Plan	11/06/2019	13/06/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5603	RESTRICTION ORIFICE INDEX - OLEFINS UTILITY AREA 56	Class 1	Purpose**	IFR	IFD	IFF								
					Rev.											
					Issue Plan	18/04/2019	03/12/2019	15/02/2020								
					Revised Plan	12/06/2019	03/12/2019	15/02/2020								
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	PE	OL1-2G91-5901	Piping Specialty Item - Datasheet Index - Supporting Utilities Auxiliaries - Area 59	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02055										
					Return Date											
					Owner Cmmt*											

Category Code: G92 Procedures & Standards
Category Code: G93 Policy , Guidelines & Memo
Category Code: G94 Forms & Templates
Category Code: G95 Progress/Status Reports
Category Code: H01 Design basis

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification															
																Period for Company's comment			Working Days
Category Code: H02 Abbreviation and standard symbols																			
Category Code: H03 Project HVAC specification																			
	EE	OL1-2H03-0002	JOB SUPPLY SPEC. FOR HVAC SYSTEMS	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	30/06/2019	29/07/2019												
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-02147													
					Return Date														
					Owner Cmmt*														
Category Code: H04 Equipment, material specification																			
Category Code: H05 Equipment datasheet																			
Category Code: H10 Calculation																			
	EE	OL1-2H10-0001	HVAC THERMAL CALC. - ELECTRICAL SUBSTATION SUB-E & FIELD AUXILIARY ROOM FAR-1	Class 2	Purpose**	IFR	IDD												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	23/04/2019	29/07/2019												
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01442													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2H10-0002	HVAC THERMAL CALC. - ELECTRICAL SUBSTATION SUB-C & FIELD AUXILIARY ROOM FAR-2	Class 2	Purpose**	IFR	IDD												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	23/04/2019	29/07/2019												
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01446													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2H10-0003	HVAC THERMAL CALC. - GATEHOUSE	Class 2	Purpose**	IFR	IDD												
					Rev.	A	B												
					Issue Plan	02/05/2019	01/06/2019												
					Revised Plan	08/04/2019	01/06/2019												
					Issue Actual	08/04/2019	04/07/2019												
					Transmittal no.	TPSK-LSPA1-T-EE-01273	TPSK-LSPA1-T-EE-02068												
					Return Date	07/05/2019													
					Owner Cmmt*	A2													
	EE	OL1-2H10-0004	HVAC THERMAL CALC. - OPERATION TOOL ROOM	Class 2	Purpose**	IFR	IDD												
					Rev.	A	B												
					Issue Plan	02/05/2019	01/06/2019												
					Revised Plan	16/05/2019	01/06/2019												
					Issue Actual	08/04/2019	04/07/2019												
					Transmittal no.	TPSK-LSPA1-T-EE-01273	TPSK-LSPA1-T-EE-02068												
					Return Date	07/05/2019													
					Owner Cmmt*	A2													
	EE	OL1-2H10-0005	Electrical SUB-F & FAR-F – HVAC Thermal Calculation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01446													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
Category Code: H20 System schematic diagram																			
	EE	OL1-2H20-0001	HVAC PROCESS FLOW DIAGRAM - ELECTRICAL SUBSTATION SUB-E & FIELD AUXILIARY ROOM FAR-1	Class 2	Purpose**	IFR	IDD												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	18/04/2019	29/07/2019												
					Issue Actual	18/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01416													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2H20-0003	HVAC PROCESS FLOW DIAGRAM - ELECTRICAL SUBSTATION SUB-C & FIELD AUXILIARY ROOM FAR-2	Class 2	Purpose**	IFR	IDD												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	23/04/2019	29/07/2019												
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01454													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2H20-0005	HVAC PROCESS FLOW DIAGRAM - GATEHOUSE	Class 2	Purpose**	IFR	IDD												
					Rev.														
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	30/06/2019	29/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2H20-0007	HVAC PROCESS FLOW DIAGRAM - OPERATION TOOL ROOM	Class 2	Purpose**	IFR	IDD												
					Rev.														
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	30/06/2019	29/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	EE	OL1-2H20-0010	Electrical Sub-F- And Far-F - HVAC Process Flow Diagram	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01454													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
Category Code: H21 Arrangement drawing																			
	EE	OL1-2H21-0001	HVAC LAYOUT- ELECTRICAL SUBSTATION SUB-E & FIELD AUXILIARY ROOM FAR-1	Class 2	Purpose**	IFR	IDD												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	18/04/2019	29/07/2019												
					Issue Actual	18/04/2019													
					Transmittal no.	TPSK-LSPA1-T-EE-01417													
					Return Date	17/05/2019													
					Owner Cmmt*	A3													
	EE	OL1-2H21-0005	HVAC LAYOUT- ELECTRICAL SUBSTATION SUB-C & FIELD AUXILIARY ROOM FAR-2	Class 2	Purpose**	IFR	IDD												
					Rev.	A													
					Issue Plan	30/06/2019	29/07/2019												
					Revised Plan	23/04/2019	29/07/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-EE-01453												
					Return Date	17/05/2019												
					Owner Cmmt*	A3												
	EE	OL1-2H21-0010	HVAC LAYOUT- GATEHOUSE	Class 2	Purpose**	IFR	IDD											
					Rev.	A	B											
					Issue Plan	02/05/2019	01/06/2019											
					Revised Plan	04/04/2019	01/06/2019											
					Issue Actual	04/04/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-1238	TPSK-LSPA1-T-EE-02053											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2H21-0011	Prefabricated Gatehouse - HVAC Layout And Process Flow Diagram	Class 2	Purpose**	IFR	IDD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	04/04/2019	03/07/2019											
					Issue Actual	04/04/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-1238	TPSK-LSPA1-T-EE-02053											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2H21-0015	HVAC LAYOUT- OPERATION TOOL ROOM	Class 2	Purpose**	IFR	IDD											
					Rev.	A	B											
					Issue Plan	02/05/2019	01/06/2019											
					Revised Plan	04/04/2019	01/06/2019											
					Issue Actual	04/04/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-1238	TPSK-LSPA1-T-EE-02053											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2H21-0020	Electrical Sub-F- And Far-F - HVAC Layout	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	23/04/2019												
					Issue Actual	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-EE-01453												
					Return Date	17/05/2019												
					Owner Cmmt*	A3												
Category Code: H22 Electrical and control drawing/ document																		
Category Code: H60 Cable drum schedule																		
Category Code: H61 Cable schedule																		
Category Code: H62 Connection list																		
Category Code: H63 Construction material and Bill of quantities																		
Category Code: H64 Typical installation drawing																		
Category Code: H71 Appraisal Report for Consultancy Service																		
Category Code: H72 Appraisal Report for EPC Contractor Work																		
Category Code: H73 Appraisal Report for Vendor/Supplier																		
Category Code: H90 Vendor documents																		
Category Code: H91 Index/List																		
Category Code: H92 Procedures & Standards																		
Category Code: H93 Policy , Guidelines & Memo																		
Category Code: H94 Forms & Templates																		
Category Code: H95 Progress/Status Reports																		
Category Code: I10 MAC FEED Document																		
Category Code: I20 Instrument datasheet																		
	IE	OL1-2I20-0101	D/S MECHANICAL RESTRICTION ORIFICE AND ORIFICE		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0102	DATA SHEET FOR PITOT TUBE		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0103	D/S MECHANICAL ELECTROMAGNETIC FLOW METER		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0104	D/S MECHANICAL ROTAMETERS		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0106	D/S MECHANICAL MASS FLOW MET.CORIOLIS EFFECT		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0107	D/S MECHANICAL VENTURI		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0108	D/S MECHANICAL ULTRASONIC FLOW METER		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	09/02/2019	04/09/2019											
					Revised Plan	16/05/2019	04/09/2019											
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0111	D/S MECHANICAL TURBINE METER		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	09/02/2019	04/09/2019	
					Revised Plan	16/05/2019	04/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0112	D/S MECHANICAL VORTEX METER		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	09/02/2019	04/09/2019	
					Revised Plan	16/05/2019	04/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0120	DATA SHEET FOR CUSTODY TRANSFER METERING		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	26/04/2019	30/11/2019	
					Revised Plan	30/07/2019	30/11/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0202	D/S MECHANICAL MAGNETIC LEVEL GAUGE		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	20/12/2019	12/07/2020	
					Revised Plan	20/12/2019	12/07/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0203	D/S MECHANICAL RADAR LEVEL INSTRUMENTS		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	20/12/2019	12/07/2020	
					Revised Plan	20/12/2019	12/07/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0211	D/S MECHANICAL SPECIAL LEVEL TRANSMITTERS		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	20/12/2019	12/07/2020	
					Revised Plan	20/12/2019	12/07/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0212	D/S MECHANICAL LEVEL GLASS		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	20/12/2019	12/07/2020	
					Revised Plan	20/12/2019	12/07/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0301	D/S MECHANICAL PRESSURE & DIFFER.PRESS.GAUGE		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	05/02/2020	05/09/2020	
					Revised Plan	05/02/2020	05/09/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0302	DATA SHEET FOR THERMOCOUPLE/RTD WITH WELL		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	05/02/2020	26/05/2020	
					Revised Plan	05/02/2020	26/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0304	D/S MECHANICAL THERMOMETER WITH WELL		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	05/02/2020	26/05/2020	
					Revised Plan	05/02/2020	26/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0305	DATA SHEET FOR MULTIPLE THERMOCOUPLE / RTD		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	05/02/2020	26/05/2020	
					Revised Plan	05/02/2020	26/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0501	D/S MECHANICAL CONTROL VALVES		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	28/05/2019	13/11/2019	
					Revised Plan	28/05/2019	13/11/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0503	D/S MECHANICAL SPECIAL CONTROL VALVE		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	28/05/2019	13/11/2019	
					Revised Plan	28/05/2019	13/11/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-0504	D/S MECHANICAL SEVERE SERVICE CONTROL VALVE		Purpose**	IFQ	IFP	

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0505	D/S ANTISURGE VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0506	D/S MECHANICAL DESUPERHEATER VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0606	D/S MECHANICAL PNEUMATIC ON OFF VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0608	D/S MECHANICAL SPECIAL ON OFF VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0609	D/S MECHANICAL ELECTRIC OPERATED VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0701	D/S MECHANICAL SAFETY RELIEF VALVE & RUPTURE DISKS		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	31/05/2019	29/10/2019											
					Revised Plan	31/05/2019	29/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-0801	D/S MECHANICAL ELECTRONIC TRANSMITTER		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	05/02/2020	05/09/2020											
					Revised Plan	05/02/2020	05/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1001	CONTROL VALVE DATASHEETS	Class 1	Purpose**	IFR	IFA	IFQ	IFP									
					Rev.		A											
					Issue Plan	25/02/2019		03/04/2019	10/05/2019									
					Revised Plan	21/03/2019	21/03/2019	16/05/2019	17/07/2019									
					Issue Actual		21/03/2019											
					Transmittal no.		TPSK-LSPA1-T-IE-01130											
					Return Date		02/04/2019											
					Owner Cmmt*		R2											
	IE	OL1-2I20-1003	VENTURI TUBE DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	11/03/2019	17/04/2019	24/05/2019										
					Revised Plan	16/05/2019	14/06/2019	24/05/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1004	ORIFICE PLATE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	11/03/2019	17/04/2019	24/05/2019										
					Revised Plan	16/05/2019	14/06/2019	24/05/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1005	INSTRUMENT LEVEL GAUGE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.	A												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	13/03/2019	17/04/2019	05/11/2019										
					Issue Actual	13/03/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01047												
					Return Date	27/03/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-1006	D/P LEVEL TRANSMITTERS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.	A												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	09/04/2019	20/09/2019	05/11/2019										
					Issue Actual	09/04/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01288												
					Return Date	13/05/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-1007	DATA SHEET FOR PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	01/07/2019	14/08/2019	27/09/2019										
					Revised Plan	01/07/2019	14/08/2019	27/09/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1008	DATA SHEET FOR DRAFT PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	01/07/2019	14/08/2019	27/09/2019										
					Revised Plan	01/07/2019	14/08/2019	27/09/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1009	PRESSURE INDICATING TRANSMITTERS & FLOW INDICATING D/P TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.		A											
					Issue Plan	01/07/2019	14/08/2019	27/09/2019										
					Revised Plan	01/07/2019	14/08/2019	27/09/2019										
					Issue Actual		20/05/2019											
					Transmittal no.		TPSK-LSPA1-T-IE-01692											
					Return Date		17/06/2019											
					Owner Cmmt*		R2											
	IE	OL1-2I20-1010	TEMPERATURE ELEMENTS FOR FURNACE PROFILE DATA SHEET	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/05/2019												
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01658												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1011	TEMPERATURE ELEMENTS FOR COIL OUTLET DATA SHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.	A	B											
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	10/04/2019	20/09/2019	05/11/2019										
					Issue Actual	10/04/2019	23/05/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01309	TPSK-LSPA1-T-IE-01729											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1012	TEMPERATURE ELEMENTS FOR THERMOCOUPLES WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.		A											
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual		14/05/2019											
					Transmittal no.		TPSK-LSPA1-T-IE-01660											
					Return Date		17/06/2019											
					Owner Cmmt*		R2											
	IE	OL1-2I20-1013	TEMPERATURE ELEMENTS FOR RTD WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1014	TEMPERATURE INDICATING TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1015	INSTRUMENT PH AND CONDUCTIVITY ANALYZER DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.	A	B											
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	21/03/2019	20/09/2019	05/11/2019										
					Issue Actual	21/03/2019	23/05/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01131	TPSK-LSPA1-T-IE-01730											
					Return Date	02/04/2019	13/06/2019											
					Owner Cmmt*	R2	R2											
	IE	OL1-2I20-1016	O2 / COMBUSTIBLES ANALYZERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	09/05/2019	22/06/2019	05/08/2019										
					Revised Plan	16/05/2019	22/06/2019	05/08/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1022	Instrument Datasheets for Flow Element -Orifice - Area 10	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/05/2019												
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01660												
					Return Date	17/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-1101	Instrument Datasheets for Control Valve -Globe Type- Area 11 -BOP	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/05/2019												
					Issue Actual	06/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01581												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1106	Instrument Datasheets for Self Actuated Pressure Control Valve Area 11 -BOP	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/05/2019												
					Issue Actual	07/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01594												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-1111	Instrument Datasheets for ON-OFF Valve Ball Type - Area 11 BOP	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/05/2019												
					Issue Actual	07/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01594												
					Return Date													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
					Owner Cmmt*			
	IE	OL1-2I20-1112	Instrument Datasheets for ON-OFF Valve Butterfly Type - Area 11 BOP	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	07/05/2019		
					Issue Actual	07/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01594		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1122	Instrument Datasheets for Flow Element Orifice- Area 11 -BOP	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	08/05/2019		
					Issue Actual	08/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01615		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1125	Instrument Data Sheets Flow Element Pitot Furmace Area 10-H-1100	Class 2	Purpose**	IFI		
					Rev.	A		
					Issue Plan			
					Revised Plan	24/06/2019		
					Issue Actual	24/06/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01965		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1127	Instrument Datasheets for Flow Instrument -Vortex-Area 11 -BOP	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	07/05/2019		
					Issue Actual	07/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01594		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1151	Instrument Datasheets for O2 & Combustible Analyzer	Class 2	Purpose**	IFR	IFQ	
					Rev.	A	B	
					Issue Plan			
					Revised Plan	29/05/2019	25/06/2019	
					Issue Actual	29/05/2019	25/06/2019	
					Transmittal no.	TPSK-LSPA1-T-IE-01761	TPSK-LSPA1-T-IE-01976	
					Return Date	21/06/2019		
					Owner Cmmt*	R2		
	IE	OL1-2I20-1153	Instrument Datasheets for Restriction Orifice	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	12/06/2019		
					Issue Actual	12/06/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01879		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1160	Instrument Datasheets for Magnetostrictive Level Transmitter & Magnetic Level Gauge	Class 2	Purpose**	IFQ		
					Rev.	B		
					Issue Plan			
					Revised Plan	21/06/2019		
					Issue Actual	21/06/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01953		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1161	Instrument Datasheets for Temperature Elements for Furnace Profile	Class 2	Purpose**	IFQ		
					Rev.	B		
					Issue Plan			
					Revised Plan	25/06/2019		
					Issue Actual	25/06/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01975		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1162	Instrument Datasheets for Flow Element Venturi	Class 2	Purpose**	IFR	IFQ	
					Rev.	A	B	
					Issue Plan			
					Revised Plan	28/05/2019	27/06/2019	
					Issue Actual	28/05/2019	27/06/2019	
					Transmittal no.	TPSK-LSPA1-T-IE-01757	TPSK-LSPA1-T-IE-02006	
					Return Date	21/06/2019		
					Owner Cmmt*	R2		
	IE	OL1-2I20-1164	Instrument Datasheets for Guided Wave Radar Level Transmitter & Magnetic Level Gauge	Class 2	Purpose**	IFQ		
					Rev.	B		
					Issue Plan			
					Revised Plan	21/06/2019		
					Issue Actual	21/06/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01948		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1201	Instrument Datasheets for Control Valve - Globe Type Area 12 -BOP	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	07/05/2019		
					Issue Actual	07/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01594		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1206	Instrument Datasheets for Self Actuated Pressure Control Valve Area 12 - BOP	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	07/05/2019		
					Issue Actual	07/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01594		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1211	Instrument Datasheets for ON-OFF Valve -Ball Type -Area 12 -BOP	Class 2	Purpose**	IFQ		
					Rev.	A		
					Issue Plan			
					Revised Plan	08/05/2019		
					Issue Actual	08/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01615		
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I20-1212	Instrument Datasheets for ON-OFF Valve -Butterfly Type - Area 12 -BOP	Class 2	Purpose**	IFQ		
					Rev.	A		

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Owner: Long Son Pterochemicals C0., Ltd. Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Issue Date 02/09/19

Document Code :

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01615													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-1222	Instrument Datasheets for Flow Element -Orifice- Area 12 -BOP	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/05/2019													
					Issue Actual	07/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01594													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-1225	Instrument Data Sheets For Flow Element Pitot Furmace Area 10-H-1200	Class 2	Purpose**	IFI													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/06/2019													
					Issue Actual	24/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01965													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-1227	Instrument Datasheets for Flow Instrument -Vortex - Area 12 - BOP	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	08/05/2019													
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01615													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-1906	Instrument Datasheets for Self Actuated pressure Control Valve Area 19	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/05/2019													
					Issue Actual	20/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01692													
					Return Date	17/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-1911	Instrument Datasheets for ON-OFF Valve -Ball Type - Area 19	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	14/05/2019													
					Issue Actual	14/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01660													
					Return Date	17/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2001	CONTROL VALVE DATASHEETS	Class 1	Purpose**	IFR	IFQ	IFP											
					Rev.		A												
					Issue Plan	25/02/2019	03/04/2019	10/05/2019											
					Revised Plan	21/03/2019	16/05/2019	17/07/2019											
					Issue Actual		13/05/2019												
					Transmittal no.		TPSK-LSPA1-T-IE-01650												
					Return Date		13/06/2019												
					Owner Cmmt*		R2												
	IE	OL1-2I20-2002	INSTRUMENT MOTOR OPERATED VALVE DATASHEETS	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	09/05/2019													
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01625													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2003	VENTURI TUBE DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	11/03/2019	17/04/2019	24/05/2019											
					Revised Plan	16/05/2019	14/06/2019	24/05/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2004	ORIFICE PLATE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	11/03/2019	17/04/2019	24/05/2019											
					Revised Plan	16/05/2019	14/06/2019	24/05/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2005	INSTRUMENT LEVEL GAUGE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	18/03/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2006	D/P LEVEL TRANSMITTERS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.		A												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual		09/05/2019												
					Transmittal no.		TPSK-LSPA1-T-IE-01625												
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2007	DATA SHEET FOR PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2008	DATA SHEET FOR DRAFT PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
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Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2009	PRESSURE INDICATING TRANSMITTERS & FLOW INDICATING D/P TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2011	TEMPERATURE ELEMENTS FOR COIL OUTLET DATA SHEETS	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	09/05/2019												
					Issue Actual	09/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01625												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2012	TEMPERATURE ELEMENTS FOR THERMOCOUPLES WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.		A											
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual		09/05/2019											
					Transmittal no.		TPSK-LSPA1-T-IE-01625											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2013	TEMPERATURE ELEMENTS FOR RTD WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2014	TEMPERATURE INDICATING TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2015	INSTRUMENT PH AND CONDUCTIVITY ANALYZER DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	21/03/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2016	O2 / COMBUSTIBLES ANALYZERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-2022	Instrument Datasheets for Flow Element - Orifice - Area 20	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/05/2019												
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01650												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-2024	Instrument Datasheets for Flow Element -Flow Nozzle -Area 20	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/05/2019												
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01650												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-2026	Instrument Datasheets for Flow Element -Wedge Type-Area 20	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/05/2019												
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01650												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-2028	Instrument Datasheets for Flow Element - Rotameter - Area 20	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/05/2019												
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01660												
					Return Date	17/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-2032	Instrument Datasheets for Flow Element -Integral Orifice- Area 20	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/05/2019												
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01650												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-2101	D/S CEMS / O2 FLUE GAS (MULTICOMPONENTS ANALYZER)		Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/05/2019												
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01660												
					Return Date	17/06/2019												
					Owner Cmmt*	R2												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	IE	OL1-2I20-2102	Instrument Datasheets for Control Valve - Butterfly Type- Area 21	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	14/05/2019													
					Issue Actual	14/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01660													
					Return Date	17/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2106	Instrument Datasheets for Self Actuated Pressure Control Valve Area 21	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	09/05/2019													
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01625													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2111	Instrument Datasheets for ON-OFF Valve -Ball Type - Area 21	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	09/05/2019													
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01625													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2112	Instrument Datasheets for ON-OFF Valve - Butterfly Type -Area 21	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	13/05/2019													
					Issue Actual	13/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01650													
					Return Date	13/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2122	Instrument Datasheets for Flow Element -Orifice -Area 21	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	14/05/2019													
					Issue Actual	14/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01660													
					Return Date	17/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2201	D/S MECHANICAL O2 PROCESS ANALYSER		Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01301													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2211	Instrument Datasheets for On-Off Vales - Ball Type - Area 22	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01301													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2213	Instrument Datasheets for Motor Operated Valve - MOV - Area 22	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01301													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2301	D/S MECHANICAL MOISTURE ANALYSER		Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01548													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2306	Instrument Datasheets for Self Actuated Pressure Control Valve Area 23	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01548													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2311	Instrument Datasheets - ON-OFF Valve - Ball Type - Area 23	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01550													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2313	Instrument Datasheets for Motor Operated Valve Area 23	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01550													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2322	Instrument Datasheets for Flow Element -Orifice -Area 23	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/05/2019													
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01581													
					Return Date	13/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2329	Instrument Datasheets for Flow transmitter - Electromagnetic - Area 23	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	06/05/2019													
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01581													
					Return Date	13/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2332	Instrument Datasheets for Flow Element - Integral Orifice- Area 23	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/05/2019													
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01581													
					Return Date	13/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2401	D/S MECHANICAL PH / CONDUCTIVITY / TURBIDITY / SILICA / ORP / TSS / MLSS METER		Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01550													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2402	Instrument Datasheets for Control Valve - Butterfly Type - Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01550													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2411	Instrument Datasheets for ON-OFF Valve -Ball Type - Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/05/2019													
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01581													
					Return Date	17/06/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2412	Instrument Datasheets for On-Off Valve - Butterfly Type - Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01548													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2413	Instrument Datasheets for Motor Operated Valve - Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01550													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2422	Instrument Datasheets for Flow Element -Orifice- Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	02/05/2019													
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01548													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2423	Instrument Datasheets for Flow Element - Venturi - Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	22/04/2019													
					Issue Actual	22/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01428													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2425	Instrument Datasheets for Flow Element -Pitot - Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	22/04/2019													
					Issue Actual	22/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01428													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2428	Instrument Datasheets for Flow Element - Rotameter- Area 24	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	22/04/2019													
					Issue Actual	22/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01428													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2501	Instrument Datasheets for Control Valve - Globe Type -Area 25	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/04/2019													
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01464													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2502	Instrument Datasheets for Control Valve - Butterfly Type- Area 25	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/04/2019													
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01464													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2506	Instrument Datasheets for Self Actuated Pressure Control Valve Area 25	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/05/2019													
					Issue Actual	20/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01692													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Return Date	17/06/2019											
					Owner Cmmt*	R2											
	IE	OL1-2I20-2511	Instrument Datasheets - ON-OFF Valve - Ball Type - Area 25	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	23/04/2019											
					Issue Actual	23/04/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01376											
					Return Date	24/05/2019											
					Owner Cmmt*	R2											
	IE	OL1-2I20-2512	Instrument Datasheets - ON-OFF Valve - Butterfly Type - Area 25	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	23/04/2019											
					Issue Actual	23/04/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01376											
					Return Date	29/05/2019											
					Owner Cmmt*	R2											
	IE	OL1-2I20-2513	Instrument Datasheets for Motor Operated Valve Area 25	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	14/05/2019											
					Issue Actual	14/05/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01660											
					Return Date	17/06/2019											
					Owner Cmmt*	R2											
	IE	OL1-2I20-2522	Instrument Datasheets for Flow Element - Orifice - Area 25	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	23/04/2019											
					Issue Actual	23/04/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01338											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2523	Instrument Datasheets for Flow Element -Venturi - Area 25	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	23/04/2019											
					Issue Actual	23/04/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01388											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2528	Instrument Datasheets for Flow Element - Rotameter - Area 25	Class 2	Purpose**	IFQ	IFQ										
					Rev.	A	B										
					Issue Plan												
					Revised Plan	23/04/2019	23/05/2019										
					Issue Actual	23/04/2019	23/05/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-01338	TPSK-LSPA1-T-IE-01728										
					Return Date		17/06/2019										
					Owner Cmmt*		R2										
	IE	OL1-2I20-2601	DATA SHEET FOR FIRE AND GAS DEVICES		Purpose**	IFQ	IFP										
					Rev.	A											
					Issue Plan	20/12/2019	20/07/2020										
					Revised Plan	20/12/2019	20/07/2020										
					Issue Actual	10/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01845											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2602	Instrument Datasheet for Control Valve - Butterfly Type - Area 26	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01807											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2611	Instrument Datasheet for ON-OFF Valve - Ball Type- Area 26	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01807											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2612	Instrument Datasheets for ON-OFF Valve -Butterfly Type - Area 26	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/06/2019											
					Issue Actual	03/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01792											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2613	Instrument Datasheets for Motor Operated Valve - Area 26	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/06/2019											
					Issue Actual	03/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01792											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2622	Instrument Datasheets for Flow Element Orifice Area 26	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	13/06/2019											
					Issue Actual	13/06/2019											
					Transmittal no.	TPSK-LSAP1-T-IE-01890											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-2701	D/S MECHANICAL DENSITY ANALYSER		Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	19/06/2019											
					Issue Actual	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01919											
					Return Date	09/07/2019											
					Owner Cmmt*	R2											
	IE	OL1-2I20-2706	Instrument Datasheets for Self Actuated Pressure Control Valve Area 27	Class 2	Purpose**	IFQ											

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LONG SON PETROCHEMICALS

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ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification												Working Days			
					Rev.	A													
					Issue Plan														
					Revised Plan	18/06/2019													
					Issue Actual	18/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01907													
					Return Date	09/07/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2711	Instrument Datasheets for ON-OFF Valve - Ball Type - Area 27	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/06/2019													
					Issue Actual	19/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01919													
					Return Date	09/07/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2712	Instrument Datasheets for ON-OFF Valve - Butterfly Type - Area 27	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	19/06/2019													
					Issue Actual	19/06/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01919													
					Return Date	09/07/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2722	Instrument Datasheets for Flow Element - Orifice - Area 27	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	18/06/2019													
					Issue Actual	18/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01908													
					Return Date	09/07/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2801	D/S MECHANICAL CALORIMETER		Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/04/2019													
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01464													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2802	D/S MECHANICAL HC INFRARED ANALYSER		Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/04/2019													
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01464													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2806	Instrument Datasheets for Self Actuated Pressure Control Valve Area 28	Class 2	Purpose**	IFQ	IFQ												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	23/04/2019	24/05/2019												
					Issue Actual	23/04/2019	24/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01338	TPSK-LSPA1-T-IE-01738												
					Return Date		17/06/2019												
					Owner Cmmt*		R2												
	IE	OL1-2I20-2811	Instrument Datasheets - ON-OFF Valve - Ball Type - Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01376													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2812	Instrument Datasheets - ON-OFF Valve - Butterfly Type- Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01376													
					Return Date	29/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2813	Instrument Datasheets for Motor Operated Valve Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/04/2019													
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01464													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2822	Instrument Datasheet for Flow Element -Orifice- Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01360													
					Return Date	24/05/2019													
					Owner Cmmt*	A3													
	IE	OL1-2I20-2823	Instrument Datasheets for Flow Element -Venturi- Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01360													
					Return Date	24/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I20-2828	Instrument Datasheet for Flow Element - Rotameter - Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01681													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-2830	Instrument Datasheets for Flow Element - Coriolis - Area 28	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment		Working Days
					Issue Actual	23/04/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01360			
					Return Date	24/05/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-2901	D/S MECHANICAL TOTAL CARBON ANALYSER (BOC/TOC) / COD		Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	22/05/2019			
					Issue Actual	22/05/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01717			
					Return Date	17/06/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-2906	Instrument Datasheets for Self Actuated Pressure Control Valve - Area 29	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	22/05/2019			
					Issue Actual	22/05/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01717			
					Return Date	17/06/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-2911	Instrument Datasheets for ON-OFF Valve (Ball Type) Area 29	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	22/05/2019			
					Issue Actual	22/05/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01717			
					Return Date	17/06/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-2922	Instrument Datasheets for Flow Element -Orifice- Area 29	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	22/05/2019			
					Issue Actual	22/05/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01717			
					Return Date	17/06/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-2923	Instrument Datasheets for Flow Element (Venturi Type) Area 29	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	22/05/2019			
					Issue Actual	22/05/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01717			
					Return Date	17/06/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-2924	Instrument Datasheets for Flow Element - Flow Nozzle - Area 29	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	24/05/2019			
					Issue Actual	24/05/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-01738			
					Return Date	17/06/2019			
					Owner Cmmt*	R2			
	IE	OL1-2I20-3001	CONTROL VALVE DATASHEETS	Class 1	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	15/07/2019			
					Issue Actual	15/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02133			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3002	INSTRUMENT MOTOR OPERATED VALVE DATASHEETS	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	15/07/2019			
					Issue Actual	15/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02133			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3003	VENTURI TUBE DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	11/03/2019	17/04/2019	24/05/2019	
					Revised Plan	16/05/2019	14/06/2019	24/05/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3004	ORIFICE PLATE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	11/03/2019	17/04/2019	24/05/2019	
					Revised Plan	16/05/2019	14/06/2019	24/05/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3006	D/P LEVEL TRANSMITTERS	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	06/08/2019	20/09/2019	05/11/2019	
					Revised Plan	06/08/2019	20/09/2019	05/11/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3007	DATA SHEET FOR PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	06/08/2019	20/09/2019	05/11/2019	
					Revised Plan	06/08/2019	20/09/2019	05/11/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3008	DATA SHEET FOR DRAFT PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	06/08/2019	20/09/2019	05/11/2019	
					Revised Plan	06/08/2019	20/09/2019	05/11/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*													
	IE	OL1-2I20-3009	PRESSURE INDICATING TRANSMITTERS & FLOW INDICATING D/P TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3011	TEMPERATURE ELEMENTS FOR COIL OUTLET DATA SHEETS	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/07/2019												
					Issue Actual	10/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02110												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3012	TEMPERATURE ELEMENTS FOR THERMOCOUPLES WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.		A											
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual		10/07/2019											
					Transmittal no.		TPSK-LSPA1-T-IE-02110											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3013	TEMPERATURE ELEMENTS FOR RTD WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3014	TEMPERATURE INDICATING TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3016	O2 / COMBUSTIBLES ANALYZERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3022	Instrument Datasheets for Flow Element (Orifice) Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	09/07/2019												
					Issue Actual	09/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-2097												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3023	Instrument Datasheets for Flow Element Venturi Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/07/2019												
					Issue Actual	10/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02110												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3027	Instrument Datasheets for Flow Instrument Vortex Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/07/2019												
					Issue Actual	10/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02110												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3028	Instrument Datasheets for Flow Element Rotameter - Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	08/07/2019												
					Issue Actual	08/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02087												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3029	Instrument Datasheets for Flow Transmitter Electromagnetic Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/07/2019												
					Issue Actual	10/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02110												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3030	Instrument Datasheets for Flow Element Coriolis Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	27/06/2019												
					Issue Actual	27/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02000												
					Return Date	11/07/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-3032	Instrument Datasheets for Flow Element (Integral Orifice). Area 30	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	09/07/2019												
					Issue Actual	09/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-2097												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-3101	Instrument Datasheets for Control Valve Globe Type - Area 31	Class 2	Purpose**	IFQ												
					Rev.	A												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment		Working Days
					Issue Plan				
					Revised Plan	08/07/2019			
					Issue Actual	08/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02087			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3106	Instrument Datasheets for Self Actuated Pressure Control Valve.Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	10/07/2019			
					Issue Actual	10/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02110			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3111	Instrument Datasheets for ON-OFF Valve Ball Type Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02037			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3112	Instrument Datasheets for ON-OFF Valve Butterfly Type Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02037			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3117	Instrument Datasheets for Control Valve Angle Type - Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	08/07/2019			
					Issue Actual	08/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02087			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3122	Instrument Datasheets for Flow Element Orifice Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02037			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3128	Instrument Datasheets for Flow Element (Rotameter) Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	09/07/2019			
					Issue Actual	09/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-2097			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3132	Instrument Datasheets for Flow Element Integral Orifice Area 31	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-02037			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-3906	Instrument Datasheets for Self Actuated Pressure Control Valve Area 39	Class 2	Purpose**	IFQ			
					Rev.	A			
					Issue Plan				
					Revised Plan	09/07/2019			
					Issue Actual	09/07/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-2097			
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-4003	VENTURI TUBE DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	11/03/2019	17/04/2019	24/05/2019	
					Revised Plan	16/05/2019	14/06/2019	24/05/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-4004	ORIFICE PLATE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	11/03/2019	17/04/2019	24/05/2019	
					Revised Plan	16/05/2019	14/06/2019	24/05/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-4006	D/P LEVEL TRANSMITTERS	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	06/08/2019	20/09/2019	05/11/2019	
					Revised Plan	06/08/2019	20/09/2019	05/11/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-4007	DATA SHEET FOR PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	06/08/2019	20/09/2019	05/11/2019	
					Revised Plan	06/08/2019	20/09/2019	05/11/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I20-4008	DATA SHEET FOR DRAFT PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP	
					Rev.				
					Issue Plan	06/08/2019	20/09/2019	05/11/2019	
					Revised Plan	06/08/2019	20/09/2019	05/11/2019	
					Issue Actual				

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-4009	PRESSURE INDICATING TRANSMITTERS & FLOW INDICATING D/P TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-4012	TEMPERATURE ELEMENTS FOR THERMOCOUPLES WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-4013	TEMPERATURE ELEMENTS FOR RTD WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-4014	TEMPERATURE INDICATING TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-4016	O2 / COMBUSTIBLES ANALYZERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5003	VENTURI TUBE DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	11/03/2019	17/04/2019	24/05/2019									
					Revised Plan	16/05/2019	14/06/2019	24/05/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5004	ORIFICE PLATE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	11/03/2019	17/04/2019	24/05/2019									
					Revised Plan	16/05/2019	14/06/2019	24/05/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5006	D/P LEVEL TRANSMITTERS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5007	DATA SHEET FOR PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5008	DATA SHEET FOR DRAFT PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5009	PRESSURE INDICATING TRANSMITTERS & FLOW INDICATING D/P TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5012	TEMPERATURE ELEMENTS FOR THERMOCOUPLES WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5013	TEMPERATURE ELEMENTS FOR RTD WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP									
					Rev.												
					Issue Plan	06/08/2019	20/09/2019	05/11/2019									
					Revised Plan	06/08/2019	20/09/2019	05/11/2019									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification														
	IE	OL1-2I20-5014	TEMPERATURE INDICATING TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5016	O2 / COMBUSTIBLES ANALYZERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP										
					Rev.													
					Issue Plan	06/08/2019	20/09/2019	05/11/2019										
					Revised Plan	06/08/2019	20/09/2019	05/11/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5022	Instrument Datasheets for Flow Element -Orifice - Area 50	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	30/05/2019												
					Issue Actual	30/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01774												
					Return Date	21/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-5029	Instrument Datasheets for Flow Transmitter -Electromagnetic- Area 50	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	30/05/2019												
					Issue Actual	30/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01774												
					Return Date	21/06/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I20-5031	Instrument Datasheet for Flow Element - Ultrasonic - Area 50	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	03/06/2019												
					Issue Actual	03/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01792												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5101	Instrument Datasheets for Control Valve - Globe Type- Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01878												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5106	Instrument Datasheets for Self Actuated Pressure Control Valve Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01845												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5112	Instrument Datasheets for ON-OFF Valve -Butterfly Type - Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/06/2019												
					Issue Actual	07/06/2019												
					Transmittal no.	TPSK- LSPA1-T-IE-01828												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5117	Instrument Datasheets for Control Valve - Angle Type - Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01878												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5118	Instrument Datasheets for Control Valve - Three way Type - Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	12/06/2019												
					Issue Actual	12/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01878												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5122	Instrument Datasheets for Flow Element - Orifice - Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01845												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5124	Instrument Datasheets for Flow Element - Flow Nozzle - Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01845												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5128	Instrument Datasheets for Flow Element - Rotameter - Area 51	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/06/2019												
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01845												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I20-5201	Instrument Datasheets for Control Valve - Globe Type - Area 52	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5202	Instrument Datasheets for Control Valve - Butterfly Type - Area 52	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5211	Instrument Datasheets for ON-OFF - Ball Type - Area 52	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5212	Instrument Datasheets for ON-OFF Valve - Butterfly Type - Area 52	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5222	Instrument Datasheets for Flow Element -Orifice- Area 52	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5301	Instrument Datasheets for Control Valve - Globe Type - Area 53	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01845													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5302	Instrument Datasheets for Control Valve -Butterfly Type - Area 53	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01845													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5322	Instrument Datasheets for Flow Element - Orifice - Area 53	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK- LSPA1-T-IE-01828													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5325	Instrument Datasheets for Flow Element - Pitot - Area 53	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK- LSPA1-T-IE-01828													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5329	Instrument Datasheets for Flow Transmitter - Electromagnetic - Area 53	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01845													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5422	Instrument Datasheets for Flow Element - Orifice- Area 54	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5430	Instrument Datasheets for Flow Element - Coriolis- Area 54	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5501	Instrument Datasheets for Control Valve - Globe Type- Area 55	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK- LSPA1-T-IE-01828													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5506	Instrument Datasheets for Self Actuated Pressure Control Valve - Area 55	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/06/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01792													

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5511	Instrument Datasheets for ON-OFF Valve - Ball Type - Area 55	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/06/2019											
					Issue Actual	03/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01792											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5512	Instrument Datasheets for ON-OFF Valve - Butterfly Type - Area 55	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/06/2019											
					Issue Actual	03/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01792											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5522	Instrument Datasheets for Flow Element - Orifice - Area 55	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/06/2019											
					Issue Actual	07/06/2019											
					Transmittal no.	TPSK- LSPA1-T-IE-01828											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5529	Instrument Datasheets for Flow Transmitter - Electromagnetic - Area 55	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01807											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5531	Instrument Datasheets for Flow Element - Ultrasonic - Area 55	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	05/06/2019											
					Issue Actual	05/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01807											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5601	Instrument Datasheets for Control Valve - Globe Type - Area 56	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/06/2019											
					Issue Actual	11/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01866											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5606	Instrument Datasheets for Self Actuated Pressure Control Valve Area 56	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	12/06/2019											
					Issue Actual	12/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01878											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5611	Instrument Datasheets for ON-OFF Valve - Ball Type - Area 56	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/06/2019											
					Issue Actual	11/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01866											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5612	Instrument Datasheets for ON-OFF Valve - Butterfly Type - Area 56	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/06/2019											
					Issue Actual	11/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01866											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5622	Instrument Datasheets for Flow Element - Orifice - Area 56	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/06/2019											
					Issue Actual	07/06/2019											
					Transmittal no.	TPSK- LSPA1-T-IE-01828											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5901	Instrument Datasheets for Control Valve - Globe Type - Area 59	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	10/06/2019											
					Issue Actual	10/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01845											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5906	Instrument Datasheets for Self Actuated Pressure Control Valve Area 59	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	10/06/2019											
					Issue Actual	10/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01845											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5911	Instrument Datasheets for ON-OFF Valve -Ball Type - Area 59	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	10/06/2019											
					Issue Actual	10/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01845											
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I20-5922	Instrument Datasheets for Flow Element - Orifice - Area 59	Class 2	Purpose**	IFQ											

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01845													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5924	Instrument Datasheets for Flow Element - Flow Nozzle- Area 59	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK- LSPA1-T-IE-01828													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-5932	Instrument Datasheets for Flow Element - Integral Orifice - Area 59	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01845													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6003	VENTURI TUBE DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	11/03/2019	17/04/2019	24/05/2019											
					Revised Plan	16/05/2019	14/06/2019	24/05/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6004	ORIFICE PLATE DATASHEET	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	11/03/2019	17/04/2019	24/05/2019											
					Revised Plan	16/05/2019	14/06/2019	24/05/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6006	D/P LEVEL TRANSMITTERS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6007	DATA SHEET FOR PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6008	DATA SHEET FOR DRAFT PRESSURE GAUGES	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6009	PRESSURE INDICATING TRANSMITTERS & FLOW INDICATING D/P TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6012	TEMPERATURE ELEMENTS FOR THERMOCOUPLES WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6013	TEMPERATURE ELEMENTS FOR RTD WITH WELL DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6014	TEMPERATURE INDICATING TRANSMITTERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I20-6016	O2 / COMBUSTIBLES ANALYZERS DATASHEETS	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	06/08/2019	20/09/2019	05/11/2019											
					Revised Plan	06/08/2019	20/09/2019	05/11/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I21 Instrument Calculation sheet				Class 2	Purpose**														
	IE	OL1-2I21-1001	INTRINSIC SAFETY LOOP CALCULATION		Purpose**	IFC													
					Rev.														
					Issue Plan	18/09/2019													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	18/09/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I30 Interlock Logic and Sequence Diagram																		
	IE	OL1-2I30-1001	CAUSE AND EFFECT DIAGRAMS - AREA 10	Class 3	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/03/2019												
					Issue Actual	13/03/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01043												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-1002	Instrument Interlock Descriptions - Area 10 - Feed Preparation and Feed Preheat	Class 2	Purpose**	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.													
					Issue Plan	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Revised Plan	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-1101	DCS INTERLOCK AND SEQUENCES DIAGRAMS		Purpose**	IFR	IDD	IFF										
					Rev.													
					Issue Plan	29/11/2019	21/03/2020	04/09/2020										
					Revised Plan	29/11/2019	21/03/2020	04/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-1102	ESD INTERLOCK LOGIC DIAGRAMS		Purpose**	IFR	IDD	IFF										
					Rev.													
					Issue Plan	29/11/2019	21/03/2020	04/09/2020										
					Revised Plan	29/11/2019	21/03/2020	04/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2001	CAUSE AND EFFECT DIAGRAMS - AREA 20	Class 3	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/03/2019												
					Issue Actual	15/03/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01087												
					Return Date	10/04/2019												
					Owner Cmmt*	R2												
	IE	OL1-2I30-2002	Instrument Interlock Descriptions Area 20 - Quench Oil	Class 2	Purpose**	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.													
					Issue Plan	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Revised Plan	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2203	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 22	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2303	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 23	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2603	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 26	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2703	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 27	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2803	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 28	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-2903	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 29	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020							
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I30-3001	CAUSE AND EFFECT DIAGRAMS - AREA 30	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.													
					Issue Plan	19/07/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020							
					Revised Plan	19/07/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020							
					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification												Working Days			
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-3003	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 30	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.														
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-5001	CAUSE AND EFFECT DIAGRAMS - AREA 50	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.														
					Issue Plan	19/07/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020								
					Revised Plan	30/04/2019	05/09/2019	12/12/2019	06/03/2020	05/05/2020	05/08/2020								
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-5003	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 50	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.														
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Revised Plan	10/05/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-5301	CAUSE AND EFFECT DIAGRAMS - AREA 53	Class 3	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	12/03/2019													
					Issue Actual	12/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01036													
					Return Date	29/03/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I30-5302	Instrument Interlock Descriptions - Area 53- Cooling Water System	Class 2	Purpose**	IDD1	IDD2	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020									
					Revised Plan	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-5503	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 55	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.														
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-5603	INSTRUMENT INTERLOCK DESCRIPTIONS - AREA 56	Class 3	Purpose**	IFI	IDD1	IDD2	IFC1	IFC2	IFC3								
					Rev.														
					Issue Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Revised Plan	19/07/2019	05/09/2019	07/01/2020	06/03/2020	30/05/2020	30/08/2020								
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I30-5901	Cause and Effect Diagram Area 59 - Supporting Utilities Auxiliaries	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/03/2019													
					Issue Actual	15/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01087													
					Return Date	10/04/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I30-5902	Instrument Interlock Descriptions Area 59 - Supporting Utilities Auxiliaries	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/03/2019													
					Issue Actual	15/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01088													
					Return Date	10/04/2019													
					Owner Cmmt*	R2													
Category Code: I31 Typical installation / fabrication drawing																			
	IE	OL1-2I31-0001	INSTR.SUPPORTS TYPICAL MOUNT.DETAILS		Purpose**	IFR	IFR	IDD	IFC										
					Rev.	A	B												
					Issue Plan	31/12/2019		25/05/2020	29/09/2020										
					Revised Plan	14/03/2019		25/05/2020	29/09/2020										
					Issue Actual	14/03/2019	17/04/2019												
					Transmittal no.	TPSL-LSPA1-T-IE-01058	TPSK-LPSA1-T-IE-01391												
					Return Date	05/04/2019	18/05/2019												
					Owner Cmmt*	A3	A3												
	IE	OL1-2I31-0200	LEVEL INSTRUMENT DESIGN, ISBL UNITS		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	15/04/2019	15/06/2019	15/12/2019											
					Revised Plan	12/07/2019	15/06/2019	15/12/2019											
					Issue Actual	28/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-02015													
					Return Date	10/07/2019													
					Owner Cmmt*	A3													
	IE	OL1-2I31-0201	LEVEL INSTRUMENT DESIGN, OSBL UNITS		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	15/04/2019	15/06/2019	15/12/2019											
					Revised Plan	12/07/2019	15/06/2019	15/12/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I31-0202	Level Instrument Design And Nozzle Study for Furnaces Utilities ISBL 1B	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	15/04/2019													
					Revised Plan	12/07/2019													
					Issue Actual	28/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-02015													
					Return Date	10/07/2019													

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Owner Cmmt*	A3												
	IE	OL1-2I31-0203	Level Instrument Design Quench ISBL	Class 2	Purpose**	IFR	IFR	IDD	IFC									
					Rev.	A	B											
					Issue Plan	15/04/2019		15/06/2019	15/12/2019									
					Revised Plan	18/04/2019		15/06/2019	15/12/2019									
					Issue Actual	18/04/2019	11/07/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01413	TPSK-LSPA1-T-IE-02120											
					Return Date	18/05/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0204	Level Instrument Design C3 Hydrogenation ISBL	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	13/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01888												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-0205	Level Instrument Design And Nozzle Study Hot Fractionation -Ghu Unit Isbl -2C	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02015												
					Return Date	10/07/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0206	Level Instrument Design Process Cold Compressors ISBL	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	24/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01964												
					Return Date	05/07/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0207	Level Instrument Design Cracked Gas Compressor - ISBL	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01905												
					Return Date	28/06/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0208	Level Instrument Design And Nozzle Study For Butadiene Extraction Unit Osbl 3A	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02015												
					Return Date	10/07/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0210	Level Instrument Design for Towers and Reactors	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	13/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01888												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-0211	Level Instument Design And Nozzle Studies For Cooling Water Unit OSBL 5T	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	24/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01964												
					Return Date	05/07/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0212	Level Instrument Design Utilities OSBL	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	24/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01964												
					Return Date	05/07/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0213	Level Instrument Design And Nozzle Study For Water Treatment Osbl 5W	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	28/06/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02015												
					Return Date	10/07/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I31-0214	Level Instrument Design for Towers and Reactors	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	15/04/2019												
					Revised Plan	12/07/2019												
					Issue Actual	23/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01725												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-1003	FLOW TRANSMITTER - VENTURI STEAM LIQUID SERVICE - 900 AND ABOVE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-1005	PRESSURE TRANSMITTER - GAS SERVICE REMOTE MOUNTED TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-1012	PRESSURE GAUGE - GAS SERVICE REMOTE MOUNTED TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-1019	FLOW TRANSMITTER - LIQUID SERVICE 900 AND ABOVE W ELECTRIC TRACE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-1020	PRESSURE TRANSMITTER - STEAM SVC 1500 W ELECTRIC TRACE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-1021	LEVEL TRANSMITTER - STEAM LIQ 900 AND ABOVE W ELECT TRACE INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-1022	PRESSURE GAUGE - STEAM SRV 1500 REMOTE MTD W ELECTRIC TRACE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2001	O2 COMBUSTIBLE ANALYZER PROCESS CONNECTION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2002	O2 COMBUSTIBLE ANALYZER INSTRUMENT ELECTRICAL CONNECTION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2003	FLOW TRANSMITTER - VENTURI STEAM LIQUID SERVICE - 900 AND ABOVE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2004	PRESSURE GAUGE - GAS SERVICE DRAFT REMOTE MOUNTING	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2005	PRESSURE TRANSMITTER - GAS SERVICE REMOTE MOUNTED TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2006	EYE-HYE LEVEL COMPONENTS ON STEAM DRUM ELECTRICAL CONNECTION	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2007	COT INSERTION WELL T-C CONNECTION DETAIL	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2008	INSTRUMENT SUPPORT DETAIL EYE-HYE LEVEL CONTROL UNIT	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I31-2009	INSTRUMENT PROCESS DETAILS DRAFT D-P TRANSMITTER GAS SERVICE REMOTE MOUNTED	Class 2	Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	19/09/2019	15/03/2020										
					Revised Plan	19/09/2019	15/03/2020										
					Issue Actual												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2010	INSTRUMENT SUPPORT DETAILS DUAL STAND 4FT-4IN OUTSIDE HANDRAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2011	INSTRUMENT SUPPORT DETAILS TRIPLE STAND 4FT-4IN OUTSIDE HANDRAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2012	PRESSURE GAUGE - GAS SERVICE REMOTE MOUNTED TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2013	THERMOCOUPLE HEAD ELECTRICAL CONNECTION DETAIL 3-4IN CONDUIT	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2014	TEMPERATURE TRANSMITTER ELECTRICAL CONNECTION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2015	LUBE OIL VENDOR JUNCTION BOX TO FIE CHARM BOX ELECTRICAL CONNECTION	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2016	INSTRUMENT SUPPORT DETAIL EYE-HYE MINIATURE LEVEL INDICATOR	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2017	PH CONDUCTIVITY ANALYZER SAMPLING SYTEM PROCESS CONNECTION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2018	PH CONDUCTIVITY ANALYZER SAMPLING SYTEM PROCESS CONNECTION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2019	FLOW TRANSMITTER - LIQUID SERVICE 900 AND ABOVE W ELECTRIC TRACE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2020	PRESSURE TRANSMITTER - STEAM SVC 1500 W ELECTRIC TRACE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2021	LEVEL TRANSMITTER - STEAM LIQ 900 AND ABOVE W ELECT TRACE INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I31-2022	PRESSURE GAUGE - STEAM SRV 1500 REMOTE MTD W ELECTRIC TRACE TUBING INSTALLATION DETAIL	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	IE	OL1-2I31-2023	LEVEL GAUGE - STEAM SERVICE DIRECT MTD W ELECTRIC TRACED	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	19/09/2019	15/03/2020											
					Revised Plan	19/09/2019	15/03/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I32 Instrument installation key plan drawing																		
Category Code: I33 Instrument cable trays and support layout																		
Category Code: I34 Instrument main cable layout																		
	IE	OL1-2I34-0001	INSTR.MAIN CABLE ROUTING COMMON AREA		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0002	INSTR.MAIN CABLE ROUTING METERING		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0003	INSTR.MAIN CABLE ROUTING MAIN PIPE RACK		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0004	INSTR.MAIN CABLE ROUTING AREA SUBSTATION E & FAR E		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0005	INSTR.MAIN CABLE ROUTING AREA SUBSTATION C & FAR C		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0006	INSTR.MAIN CABLE ROUTING FURNACES UTILITY		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0007	INSTR.MAIN CABLE ROUTING QUENCH		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0008	INSTR.MAIN CABLE ROUTING PROCESS 20B		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0009	INSTR.MAIN CABLE ROUTING PROCESS 20C		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0010	INSTR.MAIN CABLE ROUTING PROCESS COLD COMPRESSORS		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0011	INSTR.MAIN CABLE ROUTING PROCESS CGC		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I34-0012	INSTR.MAIN CABLE ROUTING BUTADIENE		Purpose**	IFR	IBD	IDD	IFC1	IFC2								
					Rev.													
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	IE	OL1-2I34-0013	INSTR.MAIN CABLE ROUTING COOLING WATER UNIT		Purpose**	IFR	IBD	IDD	IFC1	IFC2									
					Rev.														
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I34-0014	INSTR.MAIN CABLE ROUTING UTILITIES		Purpose**	IFR	IBD	IDD	IFC1	IFC2									
					Rev.														
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I34-0015	INSTR.MAIN CABLE ROUTING WASTE WATER TREATMENT		Purpose**	IFR	IBD	IDD	IFC1	IFC2									
					Rev.														
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I34-0016	INSTR.MAIN CABLE ROUTING FLARE AREA		Purpose**	IFR	IBD	IDD	IFC1	IFC2									
					Rev.														
					Issue Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Revised Plan	30/07/2019	30/07/2019	24/12/2019	09/10/2020	31/01/2021									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I34-0017	INSTR.OVERALL CABLE ROUTING		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	11/07/2019	11/07/2019	30/04/2020											
					Revised Plan	11/07/2019	11/07/2019	30/04/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I35 Instrument, Junction box and instrument air supply station plot plan drawing																			
	IE	OL1-2I35-0001	INSTRUMENT LAYOUT COMMON AREA		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0002	INSTRUMENT LAYOUT METERING		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0003	INSTRUMENT LAYOUT MAIN PIPE RACK		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0004	INSTRUMENT LAYOUT AREA SUBSTATION E & FAR E		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0005	INSTRUMENT LAYOUT AREA SUBSTATION E & FAR C		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0006	INSTRUMENT LAYOUT FURNACES UTILITY		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0007	INSTRUMENT LAYOUT QUENCH		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0008	INSTRUMENT LAYOUT PROCESS 20B		Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/06/2020	09/10/2020												
					Revised Plan	15/06/2020	09/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I35-0009	INSTRUMENT LAYOUT PROCESS 20C		Purpose**	IFR	IFC												
					Rev.														

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0010	INSTRUMENT LAYOUT PROCESS COLD COMPRESSORS		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0011	INSTRUMENT LAYOUT PROCESS CGC		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0012	INSTRUMENT LAYOUT BUTADIENE		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0013	INSTRUMENT LAYOUT COOLING WATER UNIT		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0014	INSTRUMENT LAYOUT UTILITIES		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0015	INSTRUMENT LAYOUT WASTE WATER TREATMENT		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0016	INSTRUMENT LAYOUT FLARE AREA		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0020	INSTRUMENT AIR DISTRIBUTION LAYOUT COMMON AREA		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0021	INSTRUMENT AIR DISTRIBUTION LAYOUT METERING		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0022	INSTRUMENT AIR DISTRIBUTION LAYOUT MAIN PIPE RACK		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0023	INSTRUMENT AIR DISTRIBUTION LAYOUT AREA SUBSTATION E & FAR E		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0024	INSTRUMENT AIR DISTRIBUTION LAYOUT AREA SUBSTATION C & FAR C		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0025	INSTRUMENT AIR DISTRIBUTION LAYOUT FURNACES UTILITY		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0026	INSTRUMENT AIR DISTRIBUTION LAYOUT QUENCH		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0027	INSTRUMENT AIR DISTRIBUTION LAYOUT PROCESS 20B		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0028	INSTRUMENT AIR DISTRIBUTION LAYOUT PROCESS 20C		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0029	INSTRUMENT AIR DISTRIBUTION LAYOUT PROCESS COLD COMPRESSORS		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0030	INSTRUMENT AIR DISTRIBUTION LAYOUT PROCESS CGC		Purpose**	IFR	IFC											
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					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0031	INSTRUMENT AIR DISTRIBUTION LAYOUT BUTADIENE		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0032	INSTRUMENT AIR DISTRIBUTION LAYOUT COOLING WATER UNIT		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0033	INSTRUMENT AIR DISTRIBUTION LAYOUT UTILITIES		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0034	INSTRUMENT AIR DISTRIBUTION LAYOUT WASTE WATER TREATMENT		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I35-0035	INSTRUMENT AIR DISTRIBUTION LAYOUT FLARE AREA		Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/06/2020	09/10/2020											
					Revised Plan	15/06/2020	09/10/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I36 Local panel plot plan drawing																		
Category Code: I37 Local panel arrangement drawing																		
Category Code: I38 Layout of inst wiring (grounding)																		
Category Code: I39 Instrument air piping and tubing drawing																		
Category Code: I40 Instrument utilities tubing layout drawing																		
Category Code: I41 Instrument wiring connection list																		
Category Code: I42 Junction box Arrangement Drawing																		
	IE	OL1-2I42-0001	INSTRUMENT AND F&G WIRING DRAWINGS FOR FAR-E SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Revised Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-0002	INSTRUMENT AND F&G WIRING DRAWINGS FOR FAR-C SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Revised Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-0003	INSTRUMENT AND F&G WIRING DRAWINGS FOR FAR FL SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document				*Owner Feedback (Comment)			***Classification
IFR = Issue For Review	IFF = Issue For Final			A1 = App. w/o comments		R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation			A4 = Not App., re-submit for approval			
IFP = Issue For Planning	/ Execution						
IFD = Issue For Design	CAN = Issue for Cancellation						

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Revised Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-0004	INSTRUMENT AND F&G WIRING DRAWINGS FOR CCB AND OTHER BUILDINGS SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Revised Plan	28/02/2020	15/06/2020	31/10/2020	26/02/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1001	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT GRADE TO EL AAFT-AIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1002	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100- AT EL AAFT-AIN TO EL BBFT-BIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1003	INSTRUMENT LOCATION PLAN- CRACKING FURNACE- 10-H-1100 AT EL BBFT-BIN TO EL CC6FT-CIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1004	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL CCFT-CIN TO EL DDFT-DIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1005	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL DDFT-DIN TO EL. EEFT-E	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1006	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL EEFT-EIN TO EL FF1FT -F	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1007	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL FFFT-FIN TO EL GGFT-GIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1008	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL GGFT TO GIN TO EL HHFT -HIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1009	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL HHFT-HIN TO EL IIFT-IIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1010	INSTRUMENT LOCATION PLAN-CRACKING FURNACE- 10-H-1100 AT EL IIFT-IIN TO EL JJFT-JIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1011	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL JJFT - JIN TO EL KKFT-KIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-1012	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1100 AT EL KKFT - KIN TO EL LLFT-LIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2001	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT GRADE TO EL AAFT-AIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2002	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200- AT EL AAFT-AIN TO EL BBFT-BIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2003	INSTRUMENT LOCATION PLAN- CRACKING FURNACE- 10-H-1200 AT EL BBFT-BIN TO EL CC6FT-CIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2004	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL CCFT-CIN TO EL DDFT-DIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2005	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL DDFT-DIN TO EL. EEFT-E	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2006	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL EEFT-EIN TO EL FF1FT -F	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2007	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL FFFT-FIN TO EL GGFT-GIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2008	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL GGFT TO GIN TO EL HHFT -HIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2009	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL HHFT-HIN TO EL IIFT-IIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2010	INSTRUMENT LOCATION PLAN-CRACKING FURNACE- 10-H-1200 AT EL IIFT-IIN TO EL JJFT-JIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2011	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL JJFT - JIN TO EL KKFT-KIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-2012	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1200 AT EL KKFT - KIN TO EL LLFT-LIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3001	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT GRADE TO EL AAFT-AIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Owner Cmmt*													
	IE	OL1-2I42-3002	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300- AT EL AAFT-AIN TO EL BBFT-BIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3003	INSTRUMENT LOCATION PLAN- CRACKING FURNACE- 10-H-1300 AT EL BBFT-BIN TO EL CC6FT-CIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3004	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL CCFT-CIN TO EL DDFT-DIN	Class 3	Purpose**	IFR	IFF											
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					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
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					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3005	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL DDFT-DIN TO EL. EEFT-E	Class 3	Purpose**	IFR	IFF											
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					Issue Plan	16/03/2020	01/06/2020											
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3006	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL EEFT-EIN TO EL FF1FT -F	Class 3	Purpose**	IFR	IFF											
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					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3007	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL FFFT-FIN TO EL GGFT-GIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3008	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL GGFT TO GIN TO EL HHFT -HIN	Class 3	Purpose**	IFR	IFF											
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					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3009	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL HHFT-HIN TO EL IIFT-IIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3010	INSTRUMENT LOCATION PLAN-CRACKING FURNACE- 10-H-1300 AT EL IIFT-IIN TO EL JJFT-JIN	Class 3	Purpose**	IFR	IFF											
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					Issue Plan	16/03/2020	01/06/2020											
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3011	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL JJFT - JIN TO EL KKFT-KIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-3012	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1300 AT EL KKFT - KIN TO EL LLFT-LIN	Class 3	Purpose**	IFR	IFF											
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					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
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					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-4001	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT GRADE TO EL AAFT-AIN	Class 3	Purpose**	IFR	IFF											
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					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-4002	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400- AT EL AAFT-AIN TO EL BBFT-BIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-4003	INSTRUMENT LOCATION PLAN- CRACKING FURNACE- 10-H-1400 AT EL BBFT-BIN TO EL CC6FT-CIN	Class 3	Purpose**	IFR	IFF											
					Rev.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4004	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL CCFT-CIN TO EL DDFT-DIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4005	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL DDFT-DIN TO EL. EEFT-E	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4006	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL EEFT-EIN TO EL FF1FT -F	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4007	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL FFFT-FIN TO EL GGFT-GIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4008	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL GGFT TO GIN TO EL HHFT -HIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4009	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL HHFT-HIN TO EL IIFT-IIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4010	INSTRUMENT LOCATION PLAN-CRACKING FURNACE- 10-H-1400 AT EL IIFT-IIN TO EL JJFT-JIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4011	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL JJFT - JIN TO EL KKFT-KIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-4012	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1400 AT EL KKFT - KIN TO EL LLFT-LIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-5001	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT GRADE TO EL AAFT-AIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-5002	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500- AT EL AAFT-AIN TO EL BBFT-BIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-5003	INSTRUMENT LOCATION PLAN- CRACKING FURNACE- 10-H-1500 AT EL BBFT-BIN TO EL CC6FT-CIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I42-5004	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL CCFT-CIN TO EL DDFT-DIN	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	16/03/2020	01/06/2020	
					Revised Plan	16/03/2020	01/06/2020	
					Issue Actual			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5005	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL DDFT-DIN TO EL. EEFT-E	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5006	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL EEFT-EIN TO EL FF1FT -F	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5007	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL FFFT-FIN TO EL GGFT-GIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5008	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL GGFT TO GIN TO EL HHFT -HIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5009	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL HHFT-HIN TO EL IIFT-IIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5010	INSTRUMENT LOCATION PLAN-CRACKING FURNACE- 10-H-1500 AT EL IIFT-IIN TO EL JJFT-JIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5011	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL JJFT - JIN TO EL KKFT-KIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-5012	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1500 AT EL KKFT - KIN TO EL LLFT-LIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6001	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT GRADE TO EL AAFT-AIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6002	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600- AT EL AAFT-AIN TO EL BBFT-BIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6003	INSTRUMENT LOCATION PLAN- CRACKING FURNACE- 10-H-1600 AT EL BBFT-BIN TO EL CC6FT-CIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6004	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL CCFT-CIN TO EL DDFT-DIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6005	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL DDFT-DIN TO EL. EEFT-E	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	IE	OL1-2I42-6006	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL EEFT-EIN TO EL FF1FT -F	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6007	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL FFFT-FIN TO EL GGFT-GIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6008	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL GGFT TO GIN TO EL HHFT -HIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6009	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL HHFT-HIN TO EL IIFT-IIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6010	INSTRUMENT LOCATION PLAN-CRACKING FURNACE- 10-H-1600 AT EL IIFT-IIN TO EL JJFT-JIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6011	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL JJFT - JIN TO EL KKFT-KIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I42-6012	INSTRUMENT LOCATION PLAN-CRACKING FURNACE 10-H-1600 AT EL KKFT - KIN TO EL LLFT-LIN	Class 3	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	16/03/2020	01/06/2020											
					Revised Plan	16/03/2020	01/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I43 Instrument cable list and cable cutting plan																		
	IE	OL1-2I43-0001	INSTRUMENT CABLE LIST FOR FAR C SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I43-0002	INSTRUMENT CABLE LIST FOR FAR E SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I43-0003	INSTRUMENT CABLE LIST FOR FAR FL SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I43-0004	INSTRUMENT CABLE LIST FOR CCB AND OTHER BULDINGS SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC1	IFC2									
					Rev.													
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I43-0011	INSTRUMENT / TELECOM CABLE DRUM SCHEDULE FOR FAR C SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	15/06/2020	15/09/2020	31/12/2020										
					Revised Plan	15/06/2020	15/09/2020	31/12/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I43-0012	INSTRUMENT / TELECOM CABLE DRUM SCHEDULE FOR FAR E SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	15/06/2020	15/09/2020	31/12/2020										
					Revised Plan	15/06/2020	15/09/2020	31/12/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I43-0013	INSTRUMENT / TELECOM CABLE DRUM SCHEDULE FOR FAR FL SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC										
					Rev.													

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION			DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document	*Owner Feedback (Comment)	***Classification		
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		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review		
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information		
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date	02/09/19
		IFP = Issue For Planning	/ Execution					
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation					

Item	Org.	Document No.	Document Name	Classification															
																	Period for Company's comment		Working Days
					Issue Plan	15/06/2020	15/09/2020	31/12/2020											
					Revised Plan	15/06/2020	15/09/2020	31/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I43-0014	INSTRUMENT / TELECOM CABLE DRUM SCHEDULE FORCCB AND OTHER BULDINGS SYSTEMS	Class 3	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	15/06/2020	15/09/2020	31/12/2020											
					Revised Plan	15/06/2020	15/09/2020	31/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I44 Power Supply Distribution Drawing																			
	IE	OL1-2I44-1001	INST.POW.SUP.DISTRIBUTION FOR CCB	Class 3	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	22/06/2019	29/01/2020	17/06/2020											
					Revised Plan	22/06/2019	29/01/2020	17/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I44-1002	INST.POW.SUP.DISTRIBUTION FOR FAR C	Class 3	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	22/06/2019	29/01/2020	17/06/2020											
					Revised Plan	22/06/2019	29/01/2020	17/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I44-1003	INST.POW.SUP.DISTRIBUTION FOR FAR E	Class 3	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	22/06/2019	29/01/2020	17/06/2020											
					Revised Plan	22/06/2019	29/01/2020	17/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I44-1004	INST.POW.SUP.DISTRIBUTION FOR FAR FL	Class 3	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	22/06/2019	29/01/2020	17/06/2020											
					Revised Plan	22/06/2019	29/01/2020	17/06/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I45 Control Room and Rack Room Drawings																			
Category Code: I46 Layout of instrument cabinets / panels in Control Room and Rack Room																			
	IE	OL1-2I46-1001	CONTROL & TECH.ROOM LAYOUT, CENTRAL CONTROL BUILDING		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	30/11/2019	30/04/2020	31/08/2020											
					Revised Plan	06/05/2019	30/04/2020	31/08/2020											
					Issue Actual	06/05/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01568													
					Return Date	23/05/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I46-1002	FAR C INSTRUMENT EQUIPMENT LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	30/11/2019	30/04/2020	31/08/2020											
					Revised Plan	16/04/2019	30/04/2020	31/08/2020											
					Issue Actual	26/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01153													
					Return Date	05/04/2019													
					Owner Cmmt*	A3													
	IE	OL1-2I46-1003	FAR E INSTRUMENT EQUIPMENT LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	30/11/2019	30/04/2020	31/08/2020											
					Revised Plan	16/04/2019	30/04/2020	31/08/2020											
					Issue Actual	26/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01153													
					Return Date	05/04/2019													
					Owner Cmmt*	A3													
	IE	OL1-2I46-1004	FAR FL INSTRUMENT EQUIPMENT LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	30/11/2019	30/04/2020	31/08/2020											
					Revised Plan	16/04/2019	30/04/2020	31/08/2020											
					Issue Actual	26/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01153													
					Return Date	05/04/2019													
					Owner Cmmt*	A3													
	IE	OL1-2I46-1005	MAINTENANCE BUILDING INSTRUMENT EQUIPMENT LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	30/11/2019	30/04/2020	31/08/2020											
					Revised Plan	30/11/2019	30/04/2020	31/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I46-1006	EMERGENCY CENTER BUILDING INSTRUMENT EQUIPMENT LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	30/11/2019	30/04/2020	31/08/2020											
					Revised Plan	30/11/2019	30/04/2020	31/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I47 Layout of instrument main and secondary cable route in Control Room and Rack Room																			
	IE	OL1-2I47-1001	FAR E INSTRUMENT CABLE ROUTING		Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Revised Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1002	FAR C INSTRUMENT CABLE ROUTING		Purpose**	IFR	IDD	IFC1	IFC2										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Rev.														
					Issue Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Revised Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1003	FAR FL INSTRUMENT CABLE ROUTING		Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Revised Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1004	INSTRUMENT CABLE ROUTING CENTRAL CONTROL BUILDING AND OTHER BUILDINGS		Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Revised Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1005	CCB INSTRUMENT / TELECOM MULTI CABLE TRANSIT (MCT) LAYOUT PACKAGE A1		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	15/02/2020	15/07/2020	01/12/2020											
					Revised Plan	15/02/2020	15/07/2020	01/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1006	FAR E INSTRUMENT / TELECOM MULTI CABLE TRANSIT (MCT) LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	15/02/2020	15/07/2020	01/12/2020											
					Revised Plan	15/02/2020	15/07/2020	01/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1007	FAR C INSTRUMENT / TELECOM MULTI CABLE TRANSIT (MCT) LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	15/02/2020	15/07/2020	01/12/2020											
					Revised Plan	15/02/2020	15/07/2020	01/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1008	FAR FL INSTRUMENT / TELECOM MULTI CABLE TRANSIT (MCT) LAYOUT		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	15/02/2020	15/07/2020	01/12/2020											
					Revised Plan	15/02/2020	15/07/2020	01/12/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1021	TELECOM LOCATION AND CABLE ROUTING FAR E		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/12/2019	28/02/2020	31/08/2020											
					Revised Plan	31/12/2019	28/02/2020	31/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1022	TELECOM LOCATION AND CABLE ROUTING FAR C		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/12/2019	28/02/2020	31/08/2020											
					Revised Plan	31/12/2019	28/02/2020	31/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1023	TELECOM LOCATION AND CABLE ROUTING FAR FL		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/12/2019	28/02/2020	31/08/2020											
					Revised Plan	31/12/2019	28/02/2020	31/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1024	TELECOM LOCATION AND CABLE ROUTING CENTRAL CONTROL BUILDING		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/12/2019	28/02/2020	31/08/2020											
					Revised Plan	31/12/2019	28/02/2020	31/08/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1050	SUB E INSTRUMENT CABLE ROUTING		Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Revised Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I47-1051	SUB C INSTRUMENT CABLE ROUTING		Purpose**	IFR	IDD	IFC1	IFC2										
					Rev.														
					Issue Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Revised Plan	28/02/2020	31/07/2020	15/11/2020	15/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I48 Layout of instrument grounding wiring in Control Room and Rack Room																			
	IE	OL1-2I48-1001	INSTRUMENT & TELECOM GROUNDING PHILOSOPHY DIAGRAM		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	14/02/2019	14/03/2019	14/04/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	08/03/2019	06/06/2019	05/07/2019											
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01013													
					Return Date	15/05/2019													
					Owner Cmmt*	A3													
	IE	OL1-2I48-1002	INSTRUMENT / TELECOM EARTHING LAYOUT CENTRAL CONTROL BUILDING		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/01/2020	30/05/2020	15/09/2020											
					Revised Plan	31/01/2020	30/05/2020	15/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I48-1003	INSTRUMENT / TELECOM EARTHING LAYOUT FAR E AND SUB E		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/01/2020	30/05/2020	15/09/2020											
					Revised Plan	31/01/2020	30/05/2020	15/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I48-1004	INSTRUMENT / TELECOM EARTHING LAYOUT FAR C AND SUB C		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/01/2020	30/05/2020	15/09/2020											
					Revised Plan	31/01/2020	30/05/2020	15/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I48-1005	INSTRUMENT / TELECOM EARTHING LAYOUT FAR FL		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/01/2020	30/05/2020	15/09/2020											
					Revised Plan	31/01/2020	30/05/2020	15/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I48-1006	INSTRUMENT / TELECOM EARTHING LAYOUT OTHER BUILDINGS		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/01/2020	30/05/2020	15/09/2020											
					Revised Plan	31/01/2020	30/05/2020	15/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I49 Instrument Hook-up Drawing																			
	IE	OL1-2I49-4101	INSTRUMENT/TELECOM AND FIBRE OPTIC CABLES MATERIALTAKE-OFF		Purpose**	IF1T	IF2T	IF3T	IF4T										
					Rev.														
					Issue Plan	15/10/2019	15/02/2020	15/06/2020	18/11/2020										
					Revised Plan	15/10/2019	15/02/2020	15/06/2020	18/11/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I49-4201	CABLE TRAY & ACCESSORIES MAT.TAKE-OFF		Purpose**	IF1T	IF2T	IF3T	IF4T										
					Rev.														
					Issue Plan	30/05/2020	30/08/2020	30/11/2020	31/01/2021										
					Revised Plan	30/05/2020	30/08/2020	30/11/2020	31/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I49-4203	SECONDARY CABLE TRAY & ACCESSORIES MAT.TAKE-OFF		Purpose**	IF1T	IF2T	IF3T	IF4T										
					Rev.														
					Issue Plan	30/05/2020	30/08/2020	30/11/2020	31/01/2021										
					Revised Plan	30/05/2020	30/08/2020	30/11/2020	31/01/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I49-4301	JUNCTION BOXES, PUSH BUTTONS AND HAND SWITCHES MATERIAL TAKE-OFF		Purpose**	IF1T	IF2T	IF3T	IF4T										
					Rev.														
					Issue Plan	24/02/2020	01/06/2020	15/08/2020	15/10/2020										
					Revised Plan	24/02/2020	01/06/2020	15/08/2020	15/10/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I49-4303	CABLE GLANDS MAT.TAKE-OFF		Purpose**	IF1T	IF2T												
					Rev.														
					Issue Plan	15/05/2020	01/10/2020												
					Revised Plan	15/05/2020	01/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I49-4304	MAIN CABLE TRANSIT (MCT) & ACCESSORIES MATERIAL TAKE OFF		Purpose**	IF1T	IF2T												
					Rev.														
					Issue Plan	15/05/2020	01/10/2020												
					Revised Plan	15/05/2020	01/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I50 Hook-up drawing for process lead piping for each instrument																			
	IE	OL1-2I50-0001	INSTRUMENT HOOK-UP DRAWINGS ISBL UNITS		Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	31/12/2019	25/05/2020	29/09/2020											
					Revised Plan	31/12/2019	25/05/2020	29/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I51 Hook-up drawing for IA and pneumatic																			
	IE	OL1-2I51-0001	INSTRUMENT TYPICAL HOOK -UP		Purpose**	IFR	IDD	IFC											
					Rev.	A													
					Issue Plan	31/12/2019	25/05/2020	29/09/2020											

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification					
					Revised Plan	04/04/2019	25/05/2020	29/09/2020	
					Issue Actual	04/04/2019			
					Transmittal no.	TPSK-LSPA1-T-IE-1254			
					Return Date	09/05/2019			
					Owner Cmmt*	A3			
Category Code: I52 Hook-up drawing for Steam tracing									
	IE	OL1-2I52-0001	INSTRUMENT HOOK-UP DRAWINGS OSBL UNITS		Purpose**	IFR	IDD	IFC	
					Rev.				
					Issue Plan	31/12/2019	25/05/2020	29/09/2020	
					Revised Plan	31/12/2019	25/05/2020	29/09/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
Category Code: I53 Instrument loop drawing diagram									
	IE	OL1-2I53-0001	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - FURNACES UTILITY		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0002	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - QUENCH		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0003	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - PROCESS 20B		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0004	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - PROCESS 20C		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0005	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - PROCESS COLD COMPRESSORS		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0006	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - PROCESS CGC		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0007	INSTRUMENT LOOP DRAWINGS FAR-E- METERING		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0008	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - SUBSTATION E & FAR E		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0009	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - SUBSTATION C & FAR C		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0010	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - BUTADIENE		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0011	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - COOLING WATER UNIT		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	IE	OL1-2I53-0012	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - UTILITIES		Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	15/02/2021	06/04/2021		
					Revised Plan	15/02/2021	06/04/2021		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification				
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I53-0013	INSTRUMENT LOOP DRAWINGS FAR-E DCS, ESD, FGS - WASTE WATER TREATMENT		Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	15/02/2021	06/04/2021	
					Revised Plan	15/02/2021	06/04/2021	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I53-0014	INSTRUMENT LOOP DRAWINGS FAR-FL DCS, ESD, FGS - FLARE		Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	15/02/2021	06/04/2021	
					Revised Plan	15/02/2021	06/04/2021	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
Category Code: I54 Bill of bulk materials take-off								
	IE	OL1-2I54-1001	INSTRUMENT MTO 10-H-1100	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	22/10/2019		
					Revised Plan	22/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I54-2001	INSTRUMENT MTO 10-H-1200	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	22/10/2019		
					Revised Plan	22/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I54-3001	INSTRUMENT MTO 10-H-1300	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	22/10/2019		
					Revised Plan	22/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I54-4001	INSTRUMENT MTO 10-H-1400	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	22/10/2019		
					Revised Plan	22/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I54-5001	INSTRUMENT MTO 10-H-1500	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	22/10/2019		
					Revised Plan	22/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I54-6001	INSTRUMENT MTO 10-H-1600	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	22/10/2019		
					Revised Plan	22/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
Category Code: I55 In-line & On equipment								
	IE	OL1-2I55-0101	MR ORIFICE AND RESTRICTION ORIFICE		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	04/06/2019	20/09/2019	
					Revised Plan	04/06/2019	20/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I55-0102	MR PITOT TUBE		Purpose**	IFP		
					Rev.			
					Issue Plan	20/09/2019		
					Revised Plan	20/09/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I55-0103	MR ELECTROMAGNETIC FLOW METER		Purpose**	IFP		
					Rev.			
					Issue Plan	20/09/2019		
					Revised Plan	20/09/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I55-0104	MR ROTAMETERS		Purpose**	IFQ	IFP	
					Rev.			
					Issue Plan	04/06/2019	20/09/2019	
					Revised Plan	04/06/2019	20/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I55-0106	MR MASS FLOW MET.CORIOLIS EFFECT		Purpose**	IFP		
					Rev.			
					Issue Plan	20/09/2019		
					Revised Plan	20/09/2019		
					Issue Actual			

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification															
															Period for Company's comment		Working Days		
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0107	MR VENTURI		Purpose**	IFP													
					Rev.														
					Issue Plan	20/09/2019													
					Revised Plan	20/09/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0108	MR ULTRASONIC FLOW METER		Purpose**	IFP													
					Rev.														
					Issue Plan	20/09/2019													
					Revised Plan	20/09/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0111	MR TURBINE METER		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	04/06/2019	20/09/2019												
					Revised Plan	04/06/2019	20/09/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0112	MR VORTEX METER		Purpose**	IFP													
					Rev.														
					Issue Plan	20/09/2019													
					Revised Plan	20/09/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0120	MR CUSTODY TRANSFER SYSTEM		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	26/04/2019	30/11/2019												
					Revised Plan	30/07/2019	30/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0202	MR MAGNETIC LEVEL GAUGE		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/12/2019	12/06/2020												
					Revised Plan	20/12/2019	12/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0203	MR RADAR LEVEL INSTRUMENTS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/12/2019	12/06/2020												
					Revised Plan	20/12/2019	12/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0211	MR SPECIAL LEVEL TRANSMITTERS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/12/2019	12/06/2020												
					Revised Plan	20/12/2019	12/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0212	MR LEVEL GLASS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/12/2019	12/06/2020												
					Revised Plan	20/12/2019	12/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0213	MR LEVEL GLASS FOR STEAM DRUM		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/12/2019	12/06/2020												
					Revised Plan	20/12/2019	12/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0302	MR THERMOCOUPLE/RTD WITH WELL		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	05/02/2020	03/07/2020												
					Revised Plan	05/02/2020	03/07/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0304	MR THERMOMETER WITH WELL		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	05/02/2020	03/07/2020												
					Revised Plan	05/02/2020	03/07/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-0305	MR MULTIPLE THERMOCOUPLE / RTD		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	05/02/2020	03/07/2020												
					Revised Plan	05/02/2020	03/07/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	IE	OL1-2I55-0402	MR PRESSURE & DIFFER.PRESS.GAUGE		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	05/02/2020	05/08/2020											
					Revised Plan	05/02/2020	05/08/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0501	MR CONTROL VALVES		Purpose**	IFP												
					Rev.													
					Issue Plan	13/11/2019												
					Revised Plan	13/11/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0503	MR SPECIAL CONTROL VALVE		Purpose**	IFP												
					Rev.													
					Issue Plan	13/11/2019												
					Revised Plan	13/11/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0504	MR SEVERE SERVICE CONTROL VALVE		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0505	MR ANTISURGE VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0506	MR DESUPERHEATER VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0606	MR PNEUMATIC ON OFF VALVE		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0608	MR SPECIAL ON OFF VALVES		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	13/11/2019											
					Revised Plan	28/05/2019	13/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0609	MR ELECTRIC OPERATED VALVES		Purpose**	IFP												
					Rev.													
					Issue Plan	13/11/2019												
					Revised Plan	13/11/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0610	MR FOR PNEUMATIC ACTUATORS		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	28/05/2019	29/10/2019											
					Revised Plan	28/05/2019	29/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0701	MR SAFETY RELIEF VALVE & RUPTURE DISKS		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	31/05/2019	29/10/2019											
					Revised Plan	31/05/2019	29/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-0801	MR ELECTRONIC TRANSMITTER		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	05/02/2020	05/08/2020											
					Revised Plan	05/02/2020	05/08/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-1001	MR INTEGRATED CONTROL AND SAFETY SYSTEMS		Purpose**	IFP												
					Rev.													
					Issue Plan	15/06/2020												
					Revised Plan	15/06/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I55-1701	MR MACHINE MONITORING SYSTEM		Purpose**	IFP												
					Rev.													
					Issue Plan	30/06/2020												

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
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Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	30/06/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2001	MR ANALYSER HOUSE PACKAGE		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	30/04/2019	30/10/2019												
					Revised Plan	15/06/2019	30/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2002	MR CEMS / O2 FLUE GAS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	06/06/2019	30/10/2019												
					Revised Plan	06/06/2019	30/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2004	INLINE INSTRUMENT REQUISITION - VORTEX FLOW ELEMENT	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	25/03/2019	01/07/2019												
					Revised Plan	16/05/2019	01/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2201	INLINE INSTRUMENT REQUISITION - CONTROL VALVES	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	25/04/2019	17/07/2019												
					Revised Plan	25/04/2019	17/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2202	INLINE INSTRUMENT REQUISITION - PRESSURE & SAFETY RELIEF VAVLE	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	28/03/2019	14/06/2019												
					Revised Plan	22/04/2019	14/06/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2203	INLINE INSTRUMENT REQUISITION - RESTRICTION ORIFICE	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	09/04/2019	30/07/2019												
					Revised Plan	17/06/2019	30/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2207	OFFLINE INSTRUMENT REQUISITION - LEVEL TRANSMITTER	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	26/03/2019	26/06/2019												
					Revised Plan	05/08/2019	26/06/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2208	OFFLINE INSTRUMENT REQUISITION - O2 & COMBUSTIBLE ANALYZER	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	23/05/2019	26/08/2019												
					Revised Plan	23/05/2019	26/08/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2209	OFFLINE INSTRUMENT REQUISITION - PH/CONDUCTIVITY ANALYZER	Class 2	Purpose**	IFP													
					Rev.														
					Issue Plan	03/12/2019													
					Revised Plan	03/12/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2210	OFFLINE INSTRUMENT REQUISITION - PRESSURE & DIFF PRESSURE TRANSMITTER	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	23/07/2019	05/11/2019												
					Revised Plan	23/07/2019	05/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2211	OFFLINE INSTRUMENT REQUISITION - PRESSURE GAUGES/DRAFT GAUGES	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	23/07/2019	05/11/2019												
					Revised Plan	23/07/2019	05/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2212	OFFLINE INSTRUMENT REQUISITION - TEMPERATURE TRANSMITTER	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	27/08/2019	03/12/2019												
					Revised Plan	27/08/2019	03/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2213	OFFLINE INSTRUMENT REQUISITION - THERMOCOUPLE FOR FURNACE PROFILE	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	27/08/2019	03/12/2019												
					Revised Plan	27/08/2019	03/12/2019												
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification										Period for Company's comment		Working Days			
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2214	OFFLINE INSTRUMENT REQUISITION - THERMOCOUPLE TYPE K / RTD WITH WELL	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	27/08/2019	03/12/2019												
					Revised Plan	27/08/2019	03/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2215	OFFLINE INSTRUMENT REQUISITION - THERMOCOUPLE WITH COT	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	27/08/2019	03/12/2019												
					Revised Plan	27/08/2019	03/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2301	MR SIMPLE SPECIFIC COMPONENT AND PROPERTY ANALYZERS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	06/06/2019	30/10/2019												
					Revised Plan	06/06/2019	30/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2401	MR WATER ANALYZERS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	30/09/2019	15/02/2020												
					Revised Plan	30/09/2019	15/02/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-2601	MR FIRE AND GAS DEVICES		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	20/12/2019	20/06/2020												
					Revised Plan	20/12/2019	20/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4101	MR INSTRUMENT / TELECOM AND FIBRE OPTIC CABLES		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	04/11/2019	15/11/2020												
					Revised Plan	04/11/2019	15/11/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4201	MR CABLE TRAY AND ACCESSORIES		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	11/04/2020	15/11/2020												
					Revised Plan	11/04/2020	15/11/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4301	MR FOR JUNCTION BOXES, PUSH BUTTONS AND HAND SWITCHES		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	01/06/2020	15/12/2020												
					Revised Plan	01/06/2020	15/12/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4302	MR CABLE GLANDS		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	01/06/2020	15/12/2020												
					Revised Plan	01/06/2020	15/12/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4501	MR MOUNTING ACCESSORIES (TUBING & FITTINGS)		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	11/04/2020	15/11/2020												
					Revised Plan	11/04/2020	15/11/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4502	MR SUNSHADES		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	01/06/2020	15/12/2020												
					Revised Plan	01/06/2020	15/12/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4503	MOUNTING ACCESSORIES (TUBING & FITTINGS) MATERIALTAKE-OFF		Purpose**	IF1T	IF2T	IF3T	IF4T										
					Rev.														
					Issue Plan	30/03/2020	15/06/2020	15/09/2020	15/11/2020										
					Revised Plan	30/03/2020	15/06/2020	15/09/2020	15/11/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4505	MOUNTING ACCESSORIES (INSTRUMENT MANIFOLDS, MONOFLANGES, AIR MANIFOLDS ETC) TAKE-OFF		Purpose**	IF1T	IF2T	IF3T	IF4T										
					Rev.														
					Issue Plan	30/03/2020	15/06/2020	15/09/2020	15/11/2020										
					Revised Plan	30/03/2020	15/06/2020	15/09/2020	15/11/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4507	STEAM & ELECTRICALTRACING MAT.TAKE-OFF		Purpose**	IF1T	IF2T												

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification												Working Days			
					Rev.														
					Issue Plan	28/02/2020	01/06/2020												
					Revised Plan	28/02/2020	01/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4510	MR MAIN CABLE TRANSIT (MCT) & ACCESSORIES		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	01/06/2020	15/12/2020												
					Revised Plan	01/06/2020	15/12/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I55-4511	MR FOR MOUNTING ACCESSORIES (INSTRUMENT MANIFOLDS, MONOFLANGES, AIR MANIFOLDS ETC)		Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	11/04/2020	15/11/2020												
					Revised Plan	11/04/2020	15/11/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I61 SIL Study Document																			
	IE	OL1-2I61-1101	SIS IMPLEMENTATION CALCULATION NOTES		Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	30/07/2019	05/03/2020												
					Revised Plan	30/07/2019	05/03/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2I61-1102	GENERAL SIS SAFETY REQUIREMENTS SPECIFICATION		Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan	30/07/2019	05/03/2020												
					Revised Plan	25/01/2019	17/04/2019												
					Issue Actual	25/01/2019	17/04/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-00719	TPSK-LSPA1-T-IE-01392												
					Return Date	05/03/2019													
					Owner Cmmt*	R2													
	IE	OL1-2I61-1103	PARTICULAR SIS SAFETY REQUIREMENTS SPECIFICATION		Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	30/07/2019	05/03/2020												
					Revised Plan	30/07/2019	05/03/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: I62 FAT Punch Lists																			
Category Code: I63 SAT Punch Lists																			
Category Code: I64 Operation and maintenance spare part for 2 years list																			
Category Code: I65 Initial Spare part list																			
Category Code: I66 Special tools book																			
Category Code: I70 Instruction Manual of Instrument																			
Category Code: I71 Control narative for complex loop																			
	IE	OL1-2I71-1001	COMPLEX LOOP NARRATIVES - AREA 10	Class 3	Purpose**	IFI	IFR												
					Rev.		A												
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019	21/03/2019												
					Issue Actual		21/03/2019												
					Transmittal no.		TPSK-LSPA1-T-IE-01128												
					Return Date		02/04/2019												
					Owner Cmmt*		R2												
	IE	OL1-2I71-1101	COMPLEX CONTROL NARRATIVES (36M FURNACE)	Class 2	Purpose**	IFR	IFD												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	20/05/2019	20/05/2019												
					Issue Actual	20/05/2019	20/05/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01696	TPSK-LSPA1-T-IE-01700												
					Return Date		13/06/2019												
					Owner Cmmt*		R2												
	IE	OL1-2I71-1201	COMPLEX CONTROL NARRATIVES	Class 2	Purpose**	IFR	IFD	IBD	IFD	IFC									
					Rev.	A	B		B										
					Issue Plan	19/03/2019	19/03/2019	19/03/2019	19/03/2019	28/10/2019									
					Revised Plan	09/04/2019	20/05/2019	20/05/2019	20/05/2019	28/10/2019									
					Issue Actual	09/04/2019	20/05/2019		20/05/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-01289	TPSK-LSPA1-T-IE-01700		TPSK-LSPA1-T-IE-01700										
					Return Date	13/06/2019	13/06/2019		13/06/2019										
					Owner Cmmt*	R2	R2		R2										
	IE	OL1-2I71-2001	COMPLEX LOOP NARRATIVES - AREA 20	Class 3	Purpose**	IFI	IFR												
					Rev.		A												
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019	21/03/2019												
					Issue Actual		21/03/2019												
					Transmittal no.		TPSK-LSPA1-T-IE-01132												
					Return Date		02/04/2019												
					Owner Cmmt*		R2												
	IE	OL1-2I71-2101	COMPLEX LOOP NARRATIVES - AREA 21	Class 3	Purpose**	IFI	IFR												
					Rev.		A												
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019	25/03/2019												
					Issue Actual		25/03/2019												
					Transmittal no.		TPSK-LSPA1-T-IE-01147												
					Return Date		24/05/2019												
					Owner Cmmt*		R1												
	IE	OL1-2I71-2201	COMPLEX LOOP NARRATIVES - AREA 22	Class 3	Purpose**	IFI	IFR												
					Rev.		A												
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019	01/05/2019												
					Issue Actual		01/05/2019												
					Transmittal no.		TPSK-LSPA1-T-IE-01544												
					Return Date		03/06/2019												
					Owner Cmmt*		R1												
	IE	OL1-2I71-2301	COMPLEX LOOP NARRATIVES - AREA 23	Class 3	Purpose**	IFI	IFR												
					Rev.		A												
					Issue Plan	19/07/2019													
					Revised Plan	19/07/2019	15/04/2019												

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification				
					Issue Actual		15/04/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01358	
					Return Date		03/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-2401	COMPLEX LOOP NARRATIVES - AREA 24	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	07/05/2019	
					Issue Actual		07/05/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01605	
					Return Date		19/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-2501	COMPLEX LOOP NARRATIVES - AREA 25	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	15/04/2019	
					Issue Actual		15/04/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01358	
					Return Date		03/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-2601	COMPLEX LOOP NARRATIVES - AREA 26	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	14/05/2019	
					Issue Actual		14/05/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01662	
					Return Date		19/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-2701	COMPLEX LOOP NARRATIVES - AREA 27	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	14/05/2019	
					Issue Actual		14/05/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01662	
					Return Date		19/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-2801	COMPLEX LOOP NARRATIVES - AREA 28	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	30/05/2019	
					Issue Actual		30/05/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01778	
					Return Date		21/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-2901	COMPLEX LOOP NARRATIVES - AREA 29	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	03/06/2019	
					Issue Actual		03/06/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01791	
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I71-3001	COMPLEX LOOP NARRATIVES - AREA 30	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	18/06/2019	
					Issue Actual		18/06/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01906	
					Return Date		09/07/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-5001	COMPLEX LOOP NARRATIVES - AREA 50	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	19/07/2019		
					Revised Plan	16/04/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I71-5101	Complex Loop Narratives - Area 51 - BFW-Steam -Steam Condensate System	Class 2	Purpose**	IFR		
					Rev.		A	
					Issue Plan			
					Revised Plan	08/05/2019		
					Issue Actual	08/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01614		
					Return Date	19/06/2019		
					Owner Cmmt*	R2		
	IE	OL1-2I71-5201	Complex Loop Narratives Area 52 - Fuel System	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	09/05/2019		
					Issue Actual	09/05/2019		
					Transmittal no.	TPSK-LSPA1-T-IE-01632		
					Return Date	19/06/2019		
					Owner Cmmt*	R2		
	IE	OL1-2I71-5301	COMPLEX LOOP NARRATIVES - AREA 53	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	12/03/2019	
					Issue Actual		12/03/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01037	
					Return Date			
					Owner Cmmt*			
	IE	OL1-2I71-5501	COMPLEX LOOP NARRATIVES - AREA 55	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	02/05/2019	
					Issue Actual		02/05/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01564	
					Return Date		03/06/2019	
					Owner Cmmt*		R2	
	IE	OL1-2I71-5601	COMPLEX LOOP NARRATIVES - AREA 56	Class 3	Purpose**	IFI	IFR	
					Rev.		A	
					Issue Plan	19/07/2019		
					Revised Plan	19/07/2019	01/05/2019	
					Issue Actual		01/05/2019	
					Transmittal no.		TPSK-LSPA1-T-IE-01544	
					Return Date		03/06/2019	

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*		R1											
	IE	OL1-2I71-5901	Complex Loop Narratives - Area 59 - Supporting Utilities Auxiliaries	Class 2	Purpose**	IFR	IBD											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	25/03/2019	03/07/2019											
					Issue Actual	25/03/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01140	TPSK-LSPA1-T-IE-02052											
					Return Date	24/05/2019												
					Owner Cmmt*	R2												
Category Code: I76 Appraisal Report for Consultancy Service				Class 2	Purpose**													
Category Code: I77 Appraisal Report for EPC Contractor Work					Rev.													
Category Code: I78 Appraisal Report for Vendor/Supplier					Issue Plan													
Category Code: I81 DCS System Document					Revised Plan													
	IE	OL1-2I81-1001	CTRL & SAFETY SYST.CONNECTION DIAG.		Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	0											
					Issue Plan	24/01/2019	21/05/2019	04/10/2019	04/10/2019									
					Revised Plan	08/03/2019	21/05/2019	04/10/2019	04/10/2019									
					Issue Actual	08/03/2019	13/06/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-01012	TPSK-LSPA1-T-IE-01889											
					Return Date	15/05/2019												
					Owner Cmmt*	A3												
	IE	OL1-2I81-1002	CTRL & SAFETY SYST.ARCHITECTURE		Purpose**	IFR	IFR	IBD	IDD	IFC								
					Rev.	A	B											
					Issue Plan	24/01/2019		21/05/2019	04/10/2019	04/10/2019								
					Revised Plan	22/02/2019		21/05/2019	04/10/2019	04/10/2019								
					Issue Actual	22/02/2019	02/05/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00912	TPSK-LSPA1-T-IE-01551											
					Return Date	08/03/2019	18/05/2019											
					Owner Cmmt*	A3	R2											
	IE	OL1-2I81-1003	ELECTRIC.INSTRUMENT INTERF.		Purpose**	IFR	IDD	IFF										
					Rev.													
					Issue Plan	28/04/2019	13/12/2019	01/06/2020										
					Revised Plan	27/09/2019	13/12/2019	01/06/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I81-1004	GRAPHIC DISLAYS		Purpose**	IFR	IDD	IFF										
					Rev.													
					Issue Plan	29/11/2019	21/03/2020	04/09/2020										
					Revised Plan	29/11/2019	21/03/2020	04/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I81-1005	OPERATOR TREND DISPLAY DEFINITION		Purpose**	IFR	IDD	IFF										
					Rev.													
					Issue Plan	29/11/2019	21/03/2020	04/09/2020										
					Revised Plan	29/11/2019	21/03/2020	04/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I82 ESD system Document																		
Category Code: I83 FGS system Document																		
Category Code: I84 Analyzer system Document																		
	IE	OL1-2I84-2001	ANALYZER SYST.BLOCK DIAGRAM		Purpose**	IFR	IBD	IDD										
					Rev.													
					Issue Plan	18/03/2020	18/05/2020	07/11/2020										
					Revised Plan	18/03/2020	18/05/2020	07/11/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I84-2002	ANALYZER SHELTER LAYOUT		Purpose**	IBD												
					Rev.													
					Issue Plan	04/03/2019												
					Revised Plan	15/06/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I84-2003	ANALYZER SAMPLE LOOP ARRANGEMENT		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	17/04/2020	17/06/2020	07/12/2020										
					Revised Plan	17/04/2020	17/06/2020	07/12/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I85 Custody meter Document																		
Category Code: I86 Tank gauging Document																		
Category Code: I87 Pelletizing system Document																		
Category Code: I90 Vendor documents of Instrument																		
Category Code: I91 Index/List																		
	IE	OL1-2I91-0001	INSTRUMENT LIST		Purpose**	IFI												
					Rev.													
					Issue Plan	29/04/2019												
					Revised Plan	13/06/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-0002	INSTRUMENT LIST - SUBSTATION E & FAR E		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2								
					Rev.	A												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020								
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020								
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-02132												
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-0003	INSTRUMENT LIST - SUBSTATION C & FAR C		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2								
					Rev.													
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020								
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020								
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment	Working Days
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0004	INSTRUMENT LIST - FURNACES UTILITY		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0005	INSTRUMENT LIST - QUENCH		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0006	INSTRUMENT LIST - PROCESS 20B		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0007	INSTRUMENT LIST - PROCESS 20C		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0008	INSTRUMENT LIST - PROCESS COLD COMPRESSORS		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0009	INSTRUMENT LIST - PROCESS CGC		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0010	INSTRUMENT LIST - BUTADIENE		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0011	INSTRUMENT LIST - COOLING WATER UNIT		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0012	INSTRUMENT LIST - UTILITIES		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0013	INSTRUMENT LIST - WASTE WATER TREATMENT		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0014	INSTRUMENT LIST - FLARE		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2							
					Rev.												
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020							
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0020	INSTRUMENT CLASSES		Purpose**	IFR	IMP										
					Rev.												
					Issue Plan	19/05/2020	30/06/2020										
					Revised Plan	19/05/2020	30/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0100	INSTRUMENT CONTROL SYSTEMS EQUIPMENT LIST		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	30/04/2020	30/08/2020	31/12/2020									
					Revised Plan	30/04/2020	30/08/2020	31/12/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I91-0102	ICSS DATA BASE		Purpose**	IBD	IDD	IFF									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	28/05/2019	29/01/2020	01/06/2020										
					Revised Plan	28/05/2019	29/01/2020	01/06/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-0103	INSTRUMENT RANGE, ALARM & TRIP LIST		Purpose**	IDD	IFC											
					Rev.													
					Issue Plan	30/05/2020	15/07/2020											
					Revised Plan	30/05/2020	15/07/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-0104	INSTRUMENT LIST - METERING		Purpose**	IBD	IDD1	IDD2	IFC1	IFC2								
					Rev.													
					Issue Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020								
					Revised Plan	30/05/2019	15/10/2019	26/02/2020	15/05/2020	27/07/2020								
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-1001	IN/OUT SUMMARY		Purpose**	IBD	IDD	IFF										
					Rev.													
					Issue Plan	28/05/2019	29/01/2020	01/06/2020										
					Revised Plan	28/05/2019	29/01/2020	01/06/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-1002	INSTRUMENT INDEX	Class 2	Purpose**	IFR	IBD	IFD	IFC									
					Rev.													
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019									
					Revised Plan	21/03/2019	21/03/2019	24/06/2019	28/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-1003	FURNACE ANALYZER LIST	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	10/06/2019	01/07/2019											
					Revised Plan	10/06/2019	01/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-1004	CONTROLLER AND SPLIT-RANGE LIST OSBL		Purpose**	IDD	IFC											
					Rev.													
					Issue Plan	30/05/2020	15/07/2020											
					Revised Plan	30/05/2020	15/07/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-1005	CONTROLLER AND SPLIT-RANGE LIST ISBL		Purpose**	IDD	IFC											
					Rev.													
					Issue Plan	30/05/2020	15/07/2020											
					Revised Plan	30/05/2020	15/07/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-2000	ANALYZER LIST		Purpose**	IBD	IDD											
					Rev.													
					Issue Plan	30/05/2019	02/02/2020											
					Revised Plan	30/05/2019	02/02/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-2002	INSTRUMENT INDEX	Class 2	Purpose**	IFR	IBD	IFD	IFC									
					Rev.													
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019									
					Revised Plan	21/03/2019	21/03/2019	24/06/2019	28/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-2003	FURNACE ANALYZER LIST - FURNACES 10-H-1200 - 10-H-1500	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	10/06/2019	01/07/2019											
					Revised Plan	10/06/2019	01/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-3002	INSTRUMENT INDEX	Class 2	Purpose**	IFR	IBD	IFD	IFC									
					Rev.													
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019									
					Revised Plan	21/03/2019	21/03/2019	24/06/2019	28/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-3003	FURNACE ANALYZER LIST - FURNACES 10-H-1300	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	10/06/2019	01/07/2019											
					Revised Plan	10/06/2019	01/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-4002	INSTRUMENT INDEX	Class 2	Purpose**	IFR	IBD	IFD	IFC									
					Rev.													
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019									
					Revised Plan	21/03/2019	21/03/2019	24/06/2019	28/10/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-4003	FURNACE ANALYZER LIST - FURNACES 10-H-1400	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	10/06/2019	01/07/2019											
					Revised Plan	10/06/2019	01/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-5002	INSTRUMENT INDEX	Class 2	Purpose**	IFR	IBD	IFD	IFC									
					Rev.													
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019									
					Revised Plan	21/03/2019	21/03/2019	24/06/2019	28/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-5003	FURNACE ANALYZER LIST - FURNACES 10-H-1500	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	10/06/2019	01/07/2019											
					Revised Plan	10/06/2019	01/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-6002	INSTRUMENT INDEX	Class 2	Purpose**	IFR	IBD	IFD	IFC									
					Rev.													
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019									
					Revised Plan	21/03/2019	21/03/2019	24/06/2019	28/10/2019									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I91-6003	FURNACE ANALYZER LIST - FURNACES 10-H-1600	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	10/06/2019	01/07/2019											
					Revised Plan	10/06/2019	01/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: I92 Procedures & Standards																		
	IE	OL1-2I92-0050	JSS FOR ANALYSER SYSTEMS & HOUSES		Purpose**	IFR	IFF											
					Rev.	A												
					Issue Plan	02/04/2019	06/09/2019											
					Revised Plan	12/04/2019	06/09/2019											
					Issue Actual	12/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01332												
					Return Date	09/05/2019												
					Owner Cmmt*	R1												
	IE	OL1-2I92-0051	JSS MOUNTING ACCESSORIES (TUBING & FITTINGS)		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/01/2020	31/01/2020											
					Revised Plan	01/01/2020	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I92-0052	JSS CABLE TRAY AND ACCESSORIES		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/01/2020	31/01/2020											
					Revised Plan	01/01/2020	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I92-0053	JSS FOR INSTRUMENT / TELECOM AND FIBRE OPTIC CABLES		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	15/04/2019	15/05/2019											
					Revised Plan	17/05/2019	31/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I92-0054	JSS FOR JUNCTION BOXES, PUSH BUTTONS AND HAND SWITCHES		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/01/2020	31/01/2020											
					Revised Plan	01/01/2020	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I92-0055	JSS FOR CABLE GLANDS AND ACCESSORIES		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/01/2020	31/01/2020											
					Revised Plan	01/01/2020	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I92-0056	JSS FOR SUNSHADES		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	01/01/2020	31/01/2020											
					Revised Plan	01/01/2020	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	IE	OL1-2I92-0057	JSS FOR CUSTODY TRANSFER SYSTEM		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	08/04/2019	08/05/2019											
					Revised Plan	16/05/2019	31/05/2019											
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0058	JSS FOR MOUNTING ACCESSORIES (INSTRUMENT MANIFOLDS, MONOFLANGES, AIR MANIFOLDS ETC)		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	01/01/2020	31/01/2020									
					Revised Plan	01/01/2020	31/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0059	JSS FOR MAIN CABLE TRANSIT & ACCESSORIES		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	01/01/2020	31/01/2020									
					Revised Plan	01/01/2020	31/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0060	JSS FOR FIRE AND GAS DEVICES		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	17/12/2019	16/01/2020									
					Revised Plan	17/12/2019	16/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0100	JSS FOR FLOW METER		Purpose**	IFR	IFF									
					Rev.	A										
					Issue Plan	15/04/2019	15/05/2019									
					Revised Plan	17/05/2019	31/05/2019									
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-02016										
					Return Date	09/07/2019										
					Owner Cmmt*	A2										
	IE	OL1-2I92-0101	JSS DIFFERENTIAL PRESSURE FLOW ELEMENTS		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	17/12/2019	16/01/2020									
					Revised Plan	17/12/2019	16/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0200	JSS LEVEL INSTRUMENTS		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	17/12/2019	16/01/2020									
					Revised Plan	17/12/2019	16/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0201	JSS FOR SURGE PROTECTION DEVICES		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	01/01/2020	31/01/2020									
					Revised Plan	01/01/2020	31/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0300	JSS TEMPERATURE INSTRUMENTS		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	17/12/2019	16/01/2020									
					Revised Plan	17/12/2019	16/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0301	JSS FOR PRESSURE & DIFF.PRESSURE INSTRUMENTS		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	17/12/2019	16/01/2020									
					Revised Plan	17/12/2019	16/01/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0404	JSS ANTISURGE VALVES		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	08/04/2019	08/05/2019									
					Revised Plan	22/07/2019	21/08/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0405	JSS DESUPERHEATERS VALVES		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	08/04/2019	08/05/2019									
					Revised Plan	22/07/2019	21/08/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0501	JSS CONTROL VALVES		Purpose**	IFR	IFF									
					Rev.	A										
					Issue Plan	08/04/2019	08/05/2019									
					Revised Plan	22/07/2019	21/08/2019									
					Issue Actual	30/05/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-01770										
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0503	JSS SPECIAL CONTROL VALVE		Purpose**	IFR	IFF									
					Rev.											
					Issue Plan	08/04/2019	08/05/2019									
					Revised Plan	22/07/2019	21/08/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	IE	OL1-2I92-0504	JSS SEVERE SERVICE CONTROL VALVE		Purpose**	IFR	IFF									

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Rev.												
					Issue Plan	08/04/2019	08/05/2019										
					Revised Plan	22/07/2019	21/08/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-0602	JSS FOR ELECTRIC OPERATED VALVES		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	08/04/2019	08/05/2019										
					Revised Plan	10/06/2019	28/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-0603	JSS FOR SPECIAL ON OFF VALVES		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	08/04/2019	08/05/2019										
					Revised Plan	10/06/2019	28/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-0604	JSS FOR ACTUATORS		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	08/04/2019	08/05/2019										
					Revised Plan	17/05/2019	31/05/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-0606	JSS FOR PNEUMATIC ON OFF VALVES		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	08/04/2019	08/05/2019										
					Revised Plan	10/06/2019	28/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-0701	JSS FOR SAFETY RELIEF VALVE & RUPTURE DISKS		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	11/04/2019	11/05/2019										
					Revised Plan	10/06/2019	28/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-0801	JSS ELECTRONIC TRANSMITER		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	17/12/2019	16/01/2020										
					Revised Plan	17/12/2019	16/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	IE	OL1-2I92-1701	JSS FOR MACHINE MONITORING SYST.		Purpose**	IFR	IFF										
					Rev.												
					Issue Plan	17/04/2019	17/05/2019										
					Revised Plan	10/06/2019	17/05/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: I93 Policy , Guidelines & Memo																	
Category Code: I94 SPARE NUMBER																	
Category Code: I94 Forms & Templates																	
Category Code: I95 SPARE NUMBER																	
Category Code: I95 Progress/Status Reports																	
Category Code: I96 SPARE NUMBER																	
Category Code: I97 SPARE NUMBER																	
Category Code: I98 SPARE NUMBER																	
Category Code: I99 SPARE NUMBER																	
Category Code: J71 Appraisal Report for Consultancy Service																	
Category Code: J72 Appraisal Report for EPC Contractor Work																	
Category Code: J73 Appraisal Report for Vendor/Supplier																	
Category Code: J91 Index/List																	
Category Code: J92 Procedures & Standards																	
Category Code: J93 Policy , Guidelines & Memo																	
Category Code: J94 Forms & Templates																	
Category Code: J95 Progress/Status Reports																	
Category Code: K01 Design Basis Reports																	
Category Code: K02 Design Verification Reports																	
Category Code: K03 Master Plan Document																	
Category Code: K04 Cadastal Map																	
Category Code: K08 Material Take Off UG																	
Category Code: K11 Design calculation for pile (including pile driven design)																	
	CV	OL1-2K11-0001	CALCULATION NOTES FOR PILES	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	28/02/2019	01/04/2019										
					Revised Plan	19/03/2019	30/05/2019										
					Issue Actual	19/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01092											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
Category Code: K12 Design calculation for paving																	
	CV	OL1-2K12-0001	CALCULATION NOTES FOR ROAD AND PAVING THICKNESS	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/05/2019	29/09/2020										
					Revised Plan	30/05/2019	29/09/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: K13 Design calculation for foundations																	
	CV	OL1-2K13-0001	CALCULATION NOTE FOR FOUNDATION OF 10-H-1100	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02150												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0002	CALCULATION NOTE FOR FOUNDATION OF 10-H-1200/1600	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02150												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0004	CALCULATION NOTE FOR FOUNDATION OF 10-D-5200	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0005	CALCULATION NOTE FOR FOUNDATION OF 10-E-5200	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	27/02/2019	15/06/2020											
					Issue Actual	27/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00943												
					Return Date	28/03/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0006	CALCULATION NOTE FOR FOUNDATION OF 10-E-5210	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	12/03/2019	15/06/2020											
					Issue Actual	12/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01033												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0007	CALCULATION NOTE FOR FOUNDATION OF 10-T-2120	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0008	CALCULATION NOTE FOR FOUNDATION OF 10-T-2140	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0009	CALCULATION NOTE FOR FOUNDATION OF 10-D-2110	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0010	CALCULATION NOTE FOR FOUNDATION OF 10-D-5150	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0011	CALCULATION NOTE FOR FOUNDATION OF 10-D-2160	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	28/01/2019	15/06/2020											
					Issue Actual	28/01/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00732												
					Return Date	27/03/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0013	CALCULATION NOTE FOR FOUNDATION OF 10-D-2136	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0014	CALCULATION NOTE FOR FOUNDATION OF 10-E-2160	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0015	CALCULATION NOTE FOR FOUNDATION OF 10-E-2125A	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0016	CALCULATION NOTE FOR FOUNDATION OF 10-E-2136	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	06/03/2019	15/06/2020											
					Issue Actual	06/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00992												

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date	28/03/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0017	CALCULATION NOTE FOR FOUNDATION OF 10-E-2165A/D	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0018	CALCULATION NOTE FOR FOUNDATION OF 10-E-2166	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	07/03/2019	15/06/2020									
					Issue Actual	07/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01005										
					Return Date	28/03/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0019	CALCULATION NOTE FOR FOUNDATION OF 10-E-2145	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0020	CALCULATION NOTE FOR FOUNDATION OF 10-E-2146	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	16/02/2019	15/06/2020									
					Issue Actual	12/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00843										
					Return Date	27/02/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0021	CALCULATION NOTE FOR FOUNDATION OF 10-E-2026	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	16/02/2019	15/06/2020									
					Issue Actual	12/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00843										
					Return Date	27/02/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0022	CALCULATION NOTE FOR FOUNDATION OF 10-E-2048	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	07/02/2019	15/06/2020									
					Issue Actual	07/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00816										
					Return Date	18/03/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0023	CALCULATION NOTE FOR FOUNDATION OF 10-P-5102A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0024	CALCULATION NOTE FOR FOUNDATION PUMPS 10-P-2026A/B, 10-P-2126A/B, 10-P-2046A/B, 10-P-5140A/	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0025	CALCULATION NOTE FOR FOUNDATION OF 10-P-2105A/B AND 10-P-2006A/B/C	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0026	CALCULATION NOTE FOR FOUNDATION OF 10-F-2105A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0027	CALCULATION NOTE FOR FOUNDATION OF 10-F-2009A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0028	CALCULATION NOTE FOR FOUNDATION OF 10-F-2008A/B/C	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0029	CALCULATION NOTE FOR FOUNDATION OF 10-F-2026A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0030	CALCULATION NOTE FOR FOUNDATION OF 10-F-2028A/B	Class 2	Purpose**	IFR	IFC									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0031	CALCULATION NOTE FOR FOUNDATION OF 10-F-2136A/B	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0033	CALCULATION NOTE FOR FOUNDATION OF ANALYZER HOUSE	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0034	CALCULATION NOTE FOR FOUNDATION OF 10-T-2440	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0035	CALCULATION NOTE FOR FOUNDATION OF 10-T-2450	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0036	CALCULATION NOTE FOR FOUNDATION OF 10-T-2300	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/06/2019											
					Issue Actual	11/06/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01857											
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0037	CALCULATION NOTE FOR FOUNDATION OF 10-T-2330	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/02/2019	15/06/2020										
					Issue Actual	12/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00843											
					Return Date	27/02/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0038	CALCULATION NOTE FOR FOUNDATION OF 10-D-2410A/B/C	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01033											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0039	CALCULATION NOTE FOR FOUNDATION OF 10-D-2435	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01033											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0041	CALCULATION NOTE FOR FOUNDATION OF 10-D-2240	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01033											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0042	CALCULATION NOTE FOR FOUNDATION OF 10-D-2245	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01033											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0043	CALCULATION NOTE FOR FOUNDATION OF 10-D-2445	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01033											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0044	CALCULATION NOTE FOR FOUNDATION OF 10-D-2455	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/02/2019	15/06/2020										
					Issue Actual	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00832											
					Return Date	27/02/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0045	CALCULATION NOTE FOR FOUNDATION OF 10-D-2220	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment	Working Days
					Issue Actual	12/03/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01033			
					Return Date	12/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0046	CALCULATION NOTE FOR FOUNDATION OF 10-D-2210	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	27/03/2019	15/06/2020		
					Issue Actual	27/03/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01168			
					Return Date	12/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0047	CALCULATION NOTE FOR FOUNDATION OF 10-D-2230	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	27/03/2019	15/06/2020		
					Issue Actual	27/03/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01168			
					Return Date	12/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0048	CALCULATION NOTE FOR FOUNDATION OF 10-D-2405	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	27/03/2019	15/06/2020		
					Issue Actual	27/03/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01168			
					Return Date	12/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0049	CALCULATION NOTE FOR FOUNDATION OF 10-D-2415	Class 2	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	02/05/2020	15/06/2020		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K13-0050	CALCULATION NOTE FOR FOUNDATION OF 10-D-2310	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	08/02/2019	15/06/2020		
					Issue Actual	08/02/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-00827			
					Return Date	27/02/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0052	CALCULATION NOTE FOR FOUNDATION OF 10-D-2316	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	01/02/2019	15/06/2020		
					Issue Actual	01/02/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-00783			
					Return Date	25/02/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0054	CALCULATION NOTE FOR FOUNDATION OF 10-D-2330	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	01/02/2019	15/06/2020		
					Issue Actual	01/02/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-00783			
					Return Date	25/02/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0055	CALCULATION NOTE FOR FOUNDATION OF 10-D-2411	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	27/03/2019	15/06/2020		
					Issue Actual	27/03/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01168			
					Return Date	12/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0056	CALCULATION NOTE FOR FOUNDATION OF 10-TK-2910	Class 2	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	02/05/2020	15/06/2020		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K13-0058	CALCULATION NOTE FOR FOUNDATION OF 10-E-2230A/B	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	16/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01372			
					Return Date	18/05/2019			
					Owner Cmmt*	R1			
	CV	OL1-2K13-0059	CALCULATION NOTE FOR FOUNDATION OF 10-E-2412	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	12/04/2019	15/06/2020		
					Issue Actual	12/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01333			
					Return Date	09/05/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K13-0060	CALCULATION NOTE FOR FOUNDATION OF 10-E-2413	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	02/05/2020	15/06/2020		
					Issue Actual	18/06/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01903			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K13-0061	CALCULATION NOTE FOR FOUNDATION OF 10-E-2432	Class 2	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	02/05/2020	15/06/2020		
					Issue Actual				
					Transmittal no.				
					Return Date				

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
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					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0063	CALCULATION NOTE FOR FOUNDATION OF 10-E-2446	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	16/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01372		
					Return Date	17/05/2019		
					Owner Cmmt*	R1		
	CV	OL1-2K13-0065	CALCULATION NOTE FOR FOUNDATION OF 10-E-2450	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	15/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01348		
					Return Date	23/04/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0066	CALCULATION NOTE FOR FOUNDATION OF 10-E-2470	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0067	CALCULATION NOTE FOR FOUNDATION OF 10-E-2206	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	01/04/2019	15/06/2020	
					Issue Actual	01/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01207		
					Return Date	07/06/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0068	CALCULATION NOTE FOR FOUNDATION OF 10-E-2210A/B	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	16/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01372		
					Return Date	17/05/2019		
					Owner Cmmt*	R1		
	CV	OL1-2K13-0069	CALCULATION NOTE FOR FOUNDATION OF 10-E-2220A/B	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	16/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01372		
					Return Date	17/05/2019		
					Owner Cmmt*	R1		
	CV	OL1-2K13-0070	CALCULATION NOTE FOR FOUNDATION OF 10-E-2240A/B	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	16/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01372		
					Return Date	17/05/2019		
					Owner Cmmt*	R1		
	CV	OL1-2K13-0071	CALCULATION NOTE FOR FOUNDATION OF 10-D-2305	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	08/02/2019	15/06/2020	
					Issue Actual	08/02/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00827		
					Return Date	27/02/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0072	CALCULATION NOTE FOR FOUNDATION OF 10-E-2630	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	07/03/2019	15/06/2020	
					Issue Actual	07/03/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01005		
					Return Date	28/03/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0073	CALCULATION NOTE FOR FOUNDATION OF 10-E-2326	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0074	CALCULATION NOTE FOR FOUNDATION OF 10-F-2320A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0075	CALCULATION NOTE FOR FOUNDATION OF 10-F-2310A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0076	CALCULATION NOTE FOR FOUNDATION OF 10-F-2306A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
	CV	OL1-2K13-0077	CALCULATION NOTE FOR FOUNDATION OF ANALYZER HOUSE	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0078	CALCULATION NOTE FOR FOUNDATION OF ANALYZER HOUSE	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0079	CALCULATION NOTE FOR FOUNDATION FOR PUMPS 10-P-5112A/B, 10-P-2714A/B, 10-P-2710A/B, 10-P-27	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0080	CALCULATION NOTE FOR FOUNDATION FOR PUMPS 10-P-2724A/B, 10-P-2726A/B, 10-P-2750A/B, 10-P-27	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0081	CALCULATION NOTE FOR FOUNDATION OF 10-P-5100A/B/C	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0082	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2900/2902/2906	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0083	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2920	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0084	CALCULATION NOTE FOR FOUNDATION OF 10-PK-1920	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0085	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2350	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0086	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5555	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.			
	CV	OL1-2K13-0087	CALCULATION NOTE FOR FOUNDATION OF 10-F-2048A/B	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
					Purpose**	IFR	IFC	
					Rev.	A		
	CV	OL1-2K13-0088	CALCULATION NOTE FOR FOUNDATION OF 10-T-2580	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	27/03/2019	15/06/2020	
					Issue Actual	27/03/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01168		
					Return Date	12/04/2019		
					Owner Cmmt*	A2		
					Purpose**	IFR	IFC	
					Rev.	A		
	CV	OL1-2K13-0089	CALCULATION NOTE FOR FOUNDATION OF 10-T-2640	Class 2	Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	18/03/2019	15/06/2020	
					Issue Actual	15/03/2019		

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days
					Transmittal no.	TPSK-LSPA1-T-CV-01071										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0090	CALCULATION NOTE FOR FOUNDATION OF 10-T-2570	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	27/03/2019	15/06/2020									
					Issue Actual	27/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01168										
					Return Date	12/04/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0091	CALCULATION NOTE FOR FOUNDATION OF 10-T-2510, 10-D-2510 AND 10-E-2510	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	27/03/2019	15/06/2020									
					Issue Actual	27/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01168										
					Return Date	12/04/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0093	CALCULATION NOTE FOR FOUNDATION OF 10-T-2520 AND 10-D-2520	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	28/01/2019	15/06/2020									
					Issue Actual	25/01/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00679										
					Return Date	03/06/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0094	CALCULATION NOTE FOR FOUNDATION OF 10-D-2480A	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	27/03/2019	15/06/2020									
					Issue Actual	27/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01168										
					Return Date	12/04/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0096	Calculation Note For Foundation Of 10-D-2420A-B	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	13/05/2019	15/06/2020									
					Issue Actual	14/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01661										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0097	Calculation Note For Foundation Of 10-E-1006	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan	02/05/2020										
					Revised Plan	02/05/2020										
					Issue Actual	27/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01749										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0098	CALCULATION NOTE FOR FOUNDATION OF 10-D-2815	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	28/01/2019	15/06/2020									
					Issue Actual	28/01/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00732										
					Return Date	27/03/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0099	Calculation Note for Foundation of 10-D-2525	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	18/06/2019										
					Issue Actual	18/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01903										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0101	CALCULATION NOTE FOR FOUNDATION OF 10-D-2645	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	07/02/2019	15/06/2020									
					Issue Actual	07/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00816										
					Return Date	18/03/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0102	CALCULATION NOTE FOR FOUNDATION OF 10-D-2555	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	19/03/2019	15/06/2020									
					Issue Actual	19/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01092										
					Return Date	12/04/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0103	CALCULATION NOTE FOR FOUNDATION OF 10-D-2550	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	19/03/2019	15/06/2020									
					Issue Actual	19/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01092										
					Return Date	12/04/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0104	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5628, 10-PIT-5628, P-10-5628A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0105	CALCULATION NOTE FOR FOUNDATION OF 10-D-2575	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	16/02/2019	15/06/2020									
					Issue Actual	12/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00843										
					Return Date	27/02/2019										
					Owner Cmmt*	A2										

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification				
	CV	OL1-2K13-0106	CALCULATION NOTE FOR FOUNDATION OF 10-D-2880	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual	01/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02030		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0107	CALCULATION NOTE FOR FOUNDATION OF 10-D-2870	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	25/01/2019	15/06/2020	
					Issue Actual	25/01/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00679		
					Return Date	03/06/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0108	CALCULATION NOTE FOR FOUNDATION OF 10-D-2860	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	28/01/2019	15/06/2020	
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00732		
					Return Date	27/03/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0109	CALCULATION NOTE FOR FOUNDATION OF 10-D-2865	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/02/2019	15/06/2020	
					Issue Actual	12/02/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00843		
					Return Date	27/02/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0110	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5632	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	30/12/2019	31/01/2020	
					Revised Plan	30/12/2019	31/01/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0111	CALCULATION NOTE FOR FOUNDATION OF 10-E-2587	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	01/04/2019	15/06/2020	
					Issue Actual	01/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01207		
					Return Date	07/06/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0113	CALCULATION NOTE FOR FOUNDATION OF 10-E-2305	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	16/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01372		
					Return Date	17/05/2019		
					Owner Cmmt*	R1		
	CV	OL1-2K13-0114	CALCULATION NOTE FOR FOUNDATION OF 10-E-2575	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0115	CALCULATION NOTE FOR FOUNDATION OF 10-E-2576	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	07/03/2019	15/06/2020	
					Issue Actual	07/03/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01005		
					Return Date	28/03/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0116	CALCULATION NOTE FOR FOUNDATION OF 10-E-2645A/B	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	15/03/2019	15/06/2020	
					Issue Actual	14/03/2019		
					Transmittal no.	TPSL-LSPA1-T-CV-01059		
					Return Date	12/04/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0117	CALCULATION NOTE FOR FOUNDATION OF 10-E-2502	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	25/01/2019	15/06/2020	
					Issue Actual	25/01/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00679		
					Return Date	03/06/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0118	CALCULATION NOTE FOR FOUNDATION OF 10-E-2515	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	06/03/2019	15/06/2020	
					Issue Actual	06/03/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00992		
					Return Date	28/03/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0119	CALCULATION NOTE FOR FOUNDATION OF 10-E-2546	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/02/2019	15/06/2020	
					Issue Actual	12/02/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-00843		
					Return Date	27/02/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0120	CALCULATION NOTE FOR FOUNDATION OF 10-E-2548	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	

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Issue Date	02/09/19

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					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0121	CALCULATION NOTE FOR FOUNDATION OF 10-E-2545	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	31/01/2019	15/06/2020											
					Issue Actual	30/01/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00762												
					Return Date	27/02/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K13-0122	CALCULATION NOTE FOR FOUNDATION OF 10-E-2805A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0123	CALCULATION NOTE FOR FOUNDATION OF 10-E-2807	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0124	CALCULATION NOTE FOR FOUNDATION OF 10-E-2809	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0125	CALCULATION NOTE FOR FOUNDATION OF 10-E-2857	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	07/02/2019	15/06/2020											
					Issue Actual	07/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00816												
					Return Date	18/03/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0126	CALCULATION NOTE FOR FOUNDATION OF 10-E-2858	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0127	CALCULATION NOTE FOR FOUNDATION OF 10-E-2856	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/02/2019	15/06/2020											
					Issue Actual	12/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00843												
					Return Date	27/02/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0128	CALCULATION NOTE FOR FOUNDATION OF 10-E-2855	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	21/03/2019	15/06/2020											
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01126												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0129	CALCULATION NOTE FOR FOUNDATION OF 10-E-2853	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	19/02/2019	15/06/2020											
					Issue Actual	19/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00878												
					Return Date	11/03/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0130	CALCULATION NOTE FOR FOUNDATION OF 10-E-2852	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	12/03/2019	15/06/2020											
					Issue Actual	12/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01033												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0132	CALCULATION NOTE FOR FOUNDATION OF 10-E-2582	Class 2	Purpose**	IFR	IFR	IFC										
					Rev.	A	B											
					Issue Plan	02/05/2020		15/06/2020										
					Revised Plan	16/02/2019		15/06/2020										
					Issue Actual	12/02/2019	21/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00843	TPSK-LSPA1-T-CV-00904											
					Return Date	27/02/2019	12/03/2019											
					Owner Cmmt*	A2	A2											
	CV	OL1-2K13-0133	CALCULATION NOTE FOR FOUNDATION OF 10-E-2504	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	31/01/2019	15/06/2020											
					Issue Actual	30/01/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00762												
					Return Date	27/02/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K13-0134	CALCULATION NOTE FOR FOUNDATION OF PSA PACKAGE 10-PK-2560, 10-D-2560A/F, 10-D-2565	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0135	CALCULATION NOTE FOR PUMPS 10-P-2570A/B, 10-P-2575A/B, 10-P-2586A/B, 10-P-2647, 10-P-2646A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0136	CALCULATION NOTE FOR PUMPS 10-P-2802A/B, 10-P-2805A/B, 10-P-2815, 10-P-2855A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0137	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2930, 10-D-2930 AND 10-P-2930	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0138	CALCULATION NOTE FOR FOUNDATION OF 10-R-2700A/B	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	14/05/2019	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01661												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0139	CALCULATION NOTE FOR FOUNDATION OF 10-R-2760	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0140	CALCULATION NOTE FOR FOUNDATION OF 10-E-2620	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	12/03/2019	15/06/2020											
					Issue Actual	12/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01033												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0141	CALCULATION NOTE FOR FOUNDATION OF 10-E-2666	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	14/05/2019	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01661												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0142	CALCULATION NOTE FOR FOUNDATION OF 10-E-2665A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0143	CALCULATION NOTE FOR FOUNDATION OF 10-E-2660	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	24/04/2019	15/06/2020											
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01469												
					Return Date	17/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0144	CALCULATION NOTE FOR FOUNDATION OF 10-T-2710	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0145	CALCULATION NOTE FOR FOUNDATION OF 10-T-2720	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0146	CALCULATION NOTE FOR FOUNDATION OF 10-T-2660	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0147	CALCULATION NOTE FOR FOUNDATION OF 10-T-2630	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/04/2019	15/06/2020											
					Issue Actual	16/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01372												
					Return Date	17/05/2019												
					Owner Cmmt*	R1												
	CV	OL1-2K13-0148	CALCULATION NOTE FOR FOUNDATION OF 10-R-2470A/B/C	Class 2	Purpose**	IFR	IFC											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	14/05/2019	15/06/2020										
					Issue Actual	14/05/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01661											
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0149	CALCULATION NOTE FOR FOUNDATION OF 10-D-2610	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/02/2019	15/06/2020										
					Issue Actual	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00832											
					Return Date	27/02/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0150	CALCULATION NOTE FOR FOUNDATION OF 10-D-2600A/B	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/02/2019	15/06/2020										
					Issue Actual	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00832											
					Return Date	27/02/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0151	CALCULATION NOTE FOR FOUNDATION OF 10-D-2460	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	27/03/2019	15/06/2020										
					Issue Actual	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01168											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0152	CALCULATION NOTE FOR FOUNDATION OF 10-D-2440	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	27/03/2019	15/06/2020										
					Issue Actual	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01168											
					Return Date	12/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0153	CALCULATION NOTE FOR FOUNDATION OF 10-D-1000	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01372											
					Return Date	17/05/2019											
					Owner Cmmt*	R1											
	CV	OL1-2K13-0154	CALCULATION NOTE FOR FOUNDATION OF 10-E-2635	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	15/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01348											
					Return Date	23/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0155	CALCULATION NOTE FOR FOUNDATION OF 10-E-2636	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	07/03/2019	15/06/2020										
					Issue Actual	07/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01005											
					Return Date	28/03/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0156	CALCULATION NOTE FOR FOUNDATION OF 10-E-2472	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0157	CALCULATION NOTE FOR FOUNDATION OF 10-E-2474	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01372											
					Return Date	17/05/2019											
					Owner Cmmt*	R1											
	CV	OL1-2K13-0158	CALCULATION NOTE FOR FOUNDATION OF 10-E-2465	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01372											
					Return Date	17/05/2019											
					Owner Cmmt*	R1											
	CV	OL1-2K13-0159	CALCULATION NOTE FOR FOUNDATION OF 10-E-2460	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01372											
					Return Date	17/05/2019											
					Owner Cmmt*	R1											
	CV	OL1-2K13-0160	CALCULATION NOTE FOR FOUNDATION OF 10-E-2440/2441/2442	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	12/04/2019	15/06/2020										
					Issue Actual	12/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01333											
					Return Date	09/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0161	CALCULATION NOTE FOR FOUNDATION OF 10-E-1020	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	01/04/2019	15/06/2020										

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LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	01/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01207													
					Return Date	07/06/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0162	CALCULATION NOTE FOR FOUNDATION OF 10-E-1015	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	12/03/2019	15/06/2020												
					Issue Actual	12/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01033													
					Return Date	12/04/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0163	CALCULATION NOTE FOR FOUNDATION OF 10-E-1001A/B	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	12/03/2019	15/06/2020												
					Issue Actual	12/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01033													
					Return Date	12/04/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0164	CALCULATION NOTE FOR FOUNDATION OF 10-E-1000	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	16/04/2019	15/06/2020												
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01348													
					Return Date	23/04/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0165	CALCULATION NOTE FOR FOUNDATION OF 10-E-1005	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	16/04/2019	15/06/2020												
					Issue Actual	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01348													
					Return Date	23/04/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0166	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2912	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0167	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2922	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0168	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2940	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0169	CALCULATION NOTE FOR FOUNDATION OF 10-E-2705	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	30/04/2019	15/06/2020												
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01521													
					Return Date	27/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0170	CALCULATION NOTE FOR FOUNDATION OF 10-D-2706	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0171	CALCULATION NOTE FOR FOUNDATION OF 10-D-2735	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	18/04/2019	15/06/2020												
					Issue Actual	18/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01415													
					Return Date	17/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0172	CALCULATION NOTE FOR FOUNDATION OF 10-D-2724	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0173	CALCULATION NOTE FOR FOUNDATION OF 10-E-2730	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0175	CALCULATION NOTE FOR FOUNDATION OF 10-E-2755	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	14/05/2019	15/06/2020												
					Issue Actual	14/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01661													
					Return Date														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Owner Cmmt*											
	CV	OL1-2K13-0176	CALCULATION NOTE FOR FOUNDATION OF 10-E-2725A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0177	CALCULATION NOTE FOR FOUNDATION OF 10-E-2726	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0179	CALCULATION NOTE FOR FOUNDATION OF 10-E-2702	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-02003										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0180	CALCULATION NOTE FOR FOUNDATION OF 10-E-2701	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	23/04/2019	15/06/2020									
					Issue Actual	23/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01456										
					Return Date	27/05/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0181	CALCULATION NOTE FOR FOUNDATION OF 10-E-2706	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	14/05/2019	15/06/2020									
					Issue Actual	14/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01661										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0182	CALCULATION NOTE FOR FOUNDATION OF 10-E-2008A/B/C	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	16/02/2019	15/06/2020									
					Issue Actual	12/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00843										
					Return Date	27/02/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0185	CALCULATION NOTE FOR FOUNDATION OF 10-E-2720	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0186	CALCULATION NOTE FOR FOUNDATION OF 10-E-2724	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0187	CALCULATION NOTE FOR FOUNDATION OF 10-E-2714	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0188	CALCULATION NOTE FOR FOUNDATION OF 10-E-2882 AND 10-D-2882	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	01/04/2019	15/06/2020									
					Issue Actual	01/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01207										
					Return Date	07/06/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0190	CALCULATION NOTE FOR FOUNDATION OF 10-E-2715A/B	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0191	CALCULATION NOTE FOR FOUNDATION OF 10-E-2100A/B/C/D/E/F	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	02/05/2020	15/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0192	CALCULATION NOTE FOR FOUNDATION OF 10-D-2705	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	30/04/2019	15/06/2020									
					Issue Actual	30/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01521										
					Return Date	27/05/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K13-0193	CALCULATION NOTE FOR FOUNDATION OF 10-TK-2320	Class 2	Purpose**	IFR	IFC									
					Rev.											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review				Class 3 = For Information	
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval					
IFP = Issue For Planning	/ Execution						
IFD = Issue For Design	CAN = Issue for Cancellation						

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0194	CALCULATION NOTE FOR FOUNDATION OF 10-E-1050	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	01/04/2019	15/06/2020	
					Issue Actual	01/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01207		
					Return Date	07/06/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0195	CALCULATION NOTE FOR FOUNDATION OF 10-PK-1910	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	24/04/2019	15/06/2020	
					Issue Actual	24/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01469		
					Return Date	17/05/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K13-0196	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5910	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0197	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5914	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0198	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5912	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0199	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2914	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0200	CALCULATION NOTE FOR FOUNDATION OF IGNITION SYSTEM	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0201	CALCULATION NOTE FOR FOUNDATION AND ELEVATION FOR 10-C-3070	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0202	CALCULATION NOTE FOR FOUNDATION OF 10-TK-3900	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0203	CALCULATION NOTE FOR FOUNDATION OF 10-T-3000	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual	18/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01901		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0204	CALCULATION NOTE FOR FOUNDATION OF 10-T-3040	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0205	CALCULATION NOTE FOR FOUNDATION OF 10-T-3020	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0206	CALCULATION NOTE FOR FOUNDATION OF 10-D-3010	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0207	CALCULATION NOTE FOR FOUNDATION OF 10-T-3030	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01901												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0208	CALCULATION NOTE FOR FOUNDATION OF 10-T-3050	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01901												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0209	CALCULATION NOTE FOR FOUNDATION OF 10-T-3060	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0210	CALCULATION NOTE FOR FOUNDATION OF 10-T-3080	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01901												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0211	CALCULATION NOTE FOR FOUNDATION OF 10-T-3090	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0212	CALCULATION NOTE FOR FOUNDATION OF 10-T-3070	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02064												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0213	CALCULATION NOTE FOR FOUNDATION OF 10-D-3100, 10-A-3100	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0214	CALCULATION NOTE FOR FOUNDATION OF 10-D-3126	Class 2	Purpose**	IFR	IFC											
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					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0215	CALCULATION NOTE FOR FOUNDATION OF 10-D-3908	Class 2	Purpose**	IFR	IFC											
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					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0216	CALCULATION NOTE FOR FOUNDATION OF 10-D-3902	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0217	CALCULATION NOTE FOR FOUNDATION OF 10-D-3904	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0218	CALCULATION NOTE FOR FOUNDATION OF 10-D-3906	Class 2	Purpose**	IFR	IFC											
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					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0219	CALCULATION NOTE FOR FOUNDATION OF 10-D-3180	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	03/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02064												
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment	Working Days			
	CV	OL1-2K13-0220	CALCULATION NOTE FOR FOUNDATION OF 10-D-3110	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0221	CALCULATION NOTE FOR FOUNDATION OF 10-E-3004A/B	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0222	CALCULATION NOTE FOR FOUNDATION OF 10-E-3014A/B	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0223	CALCULATION NOTE FOR FOUNDATION OF 10-E-3015	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0224	CALCULATION NOTE FOR FOUNDATION OF 10-E-3084	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0225	CALCULATION NOTE FOR FOUNDATION OF 10-E-3085A/B	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0226	CALCULATION NOTE FOR FOUNDATION OF 10-E-3095	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0227	CALCULATION NOTE FOR FOUNDATION OF 10-E-3096	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0228	CALCULATION NOTE FOR FOUNDATION OF 10-E-3098	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0229	CALCULATION NOTE FOR FOUNDATION OF 10-E-3055A/B	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0230	CALCULATION NOTE FOR FOUNDATION OF 10-E-3045A/B/C/D	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0231	CALCULATION NOTE FOR FOUNDATION OF 10-E-3044	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	02/05/2020	15/06/2020													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K13-0232	CALCULATION NOTE FOR FOUNDATION OF 10-E-2585	Class 2	Purpose**	IFR	IFC													
					Rev.	A														
					Issue Plan	02/05/2020	15/06/2020													
					Revised Plan	01/04/2019	15/06/2020													
					Issue Actual	01/04/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-01207														
					Return Date	07/06/2019														
					Owner Cmmt*	A2														
	CV	OL1-2K13-0233	CALCULATION NOTE FOR FOUNDATION OF 10-E-3150	Class 2	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/05/2020	15/06/2020													

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LONG SON PETROCHEMICALS

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Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0234	CALCULATION NOTE FOR FOUNDATION OF 10-E-3160	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0235	CALCULATION NOTE FOR FOUNDATION OF 10-E-3005	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0236	CALCULATION NOTE FOR FOUNDATION OF 10-E-3070	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0237	CALCULATION FOR FOUNDATION OF METERING STATION	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0238	CALCULATION NOTE FOR FOUNDATION OF 10-E-2765	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	30/04/2019	15/06/2020										
					Issue Actual	30/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01521											
					Return Date	27/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K13-0239	CALCULATION NOTE FOR FOUNDATION OF 10-D-5560	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0240	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5560	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0241	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5394	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0242	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5398	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0243	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5355	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0244	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5392	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0245	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5390	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0246	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5396	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0247	CALCULATION NOTE FOR FOUNDATION OF 10-D-5550	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0248	CALCULATION NOTE FOR FOUNDATION OF 10-D-5500	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0249	CALCULATION NOTE FOR FOUNDATION OF 10-D-5510	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	13/05/2019	15/06/2020											
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01647												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0250	CALCULATION NOTE FOR FOUNDATION OF 10-D-5513	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	13/05/2019	15/06/2020											
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01647												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0251	CALCULATION NOTE FOR FOUNDATION OF 10-D-5515	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	13/05/2019	15/06/2020											
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01647												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0252	CALCULATION NOTE FOR FOUNDATION OF 10-D-5520	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	13/05/2019	15/06/2020											
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01647												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0253	CALCULATION NOTE FOR FOUNDATION OF 10-C-5520A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0254	CALCULATION NOTE FOR FOUNDATION OF 10-E-5510	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	21/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01702												
					Return Date	20/06/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0255	CALCULATION NOTE FOR FOUNDATION OF 10-E-5513	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	21/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01702												
					Return Date	20/06/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0256	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5640	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0257	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5675A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0258	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5676	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0259	CALCULATION NOTE FOR FOUNDATION OF 10-TX/C-2550	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0260	CALCULATION NOTE FOR FOUNDATION OF 10-C-5650A/B	Class 2	Purpose**	IFR	IFC											

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LSP-2W91-0001	10
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					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0261	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-C-2800, 10-E-2800	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0262	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-C-2850, 10-E-2850	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0263	CALCULATION NOTE FOR FOUNDATION OF 10-C-2200, 10-E-2200	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0264	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5627, 10-PIT-5627, P-10-5627A/B	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0265	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5397	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0266	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5692	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0267	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5693	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0268	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5694	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0269	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5671	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0270	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5672	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0271	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5697	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0272	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5690	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0273	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5691	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0274	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5670	Class 2	Purpose**	IFR	IFC											
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					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0275	CALCULATION NOTE FOR FOUNDATION OF 10-P-5670A/B, 10-P-5671A/B, 10-P-5644A/B, 10-P-5645A/B, 1(	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0276	CALCULATION NOTE FOR FOUNDATION OF 10-D-5646 AND 10-X-5646	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0277	CALCULATION NOTE FOR FOUNDATION OF 10-D-5644	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0278	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5644	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0279	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5653	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0280	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5650	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0281	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5110	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01901												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0282	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5120	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01901												
					Return Date													
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	CV	OL1-2K13-0283	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5130	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0284	CALCULATION NOTE FOR FOUNDATION OF 10-D-5552	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	31/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01731												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0285	CALCULATION NOTE FOR FOUNDATION OF 10-D-5565	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	10/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01837												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0286	CALCULATION NOTE FOR FOUNDATION OF 10-PK-1950, 10-C-1950A/B, 10-E-1951A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
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	CV	OL1-2K13-0287	CALCULATION NOTE FOR FOUNDATION OF 10-D-5140	Class 2	Purpose**	IFR	IFC											
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					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	25/01/2019	15/06/2020											
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					Transmittal no.	TPSK-LSPA1-T-CV-00679												
					Return Date	03/06/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0288	CALCULATION NOTE FOR FOUNDATION OF 10-D-5400	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	30/04/2019	15/06/2020											
					Issue Actual	30/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01521												
					Return Date	27/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0289	CALCULATION NOTE FOR FOUNDATION OF 10-D-5114	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	23/04/2019	15/06/2020											
					Issue Actual	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01456												
					Return Date	27/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0290	CALCULATION NOTE FOR FOUNDATION OF 10-D-5112, 10-E-5112	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01456												
					Return Date	27/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0291	CALCULATION NOTE FOR FOUNDATION OF 10-E-5520	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0292	CALCULATION NOTE FOR FOUNDATION OF 10-E-5113	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01661												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0294	CALCULATION NOTE FOR FOUNDATION OF 10-F-5610	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0295	CALCULATION NOTE FOR FOUNDATION OF 10-E-5552	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0296	CALCULATION NOTE FOR FOUNDATION OF 10-E-5110	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0297	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5191	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0298	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5192	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0299	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5115, 10-F-5115A/B/C	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0300	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5125, 10-D-5125A/B, 10-F-5125A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0301	CALCULATION NOTE FOR FOUNDATION OF 10-P-2106A/B/C	Class 2	Purpose**	IFR	IFC											
					Rev.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0302	CALCULATION NOTE FOR SKID 10-P-2201A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0303	CALCULATION NOTE FOR FOUNDATION OF 10-P-5360A/B/C	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0304	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5670	Class 2	Purpose**	IFR	IFC	
					Rev.			
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					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0305	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5695	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0306	CALCULATION NOTE FOR PUMPS 10-P-5900A/B, 10-P-5950A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0307	CALCULATION NOTE FOR FOUNDATION OF 10-P-5350 A/B/C/D/E/F/G/H	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0308	CALCULATION NOTE FOR PUMPS 10-P-3080A/B, 10-P-3030A/B, 10-P-3000A/B, 10-P-3020A/B, 10-P-3061	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0309	CALCULATION NOTE FOR PUMPS 10-P-3096A/B, 10-P-3086A/B, 10-P-3036A/B, 10-P-3016A/B, 10-P-3900	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0310	CALCULATION NOTE FOR PUMPS 10-P-3046A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
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					Revised Plan	02/05/2020	15/06/2020	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0311	CALCULATION NOTE FOR PUMPS 10-P-3045A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0312	CALCULATION NOTE FOR PUMPS 10-P-3026A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0313	CALCULATION NOTE FOR PUMPS 10-P-3056A/B	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K13-0314	CALCULATION NOTE FOR FOUNDATION OF 10-R-2620A	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	16/04/2019	15/06/2020	
					Issue Actual	16/04/2019		

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-CV-01372												
					Return Date	17/05/2019												
					Owner Cmmt*	R1												
	CV	OL1-2K13-0315	CALCULATION NOTE FOR FOUNDATION PUMPS FOR 10-P-2450A/B, 10-P-2455A/B, 10-P-2620A/B, 10-P-26	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0316	CALCULATION NOTE FOR FOUNDATION PUMPS FOR 10-P-2630A/B, 10-P-2310A/B, 10-P-2316A/B, 10-P-23	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0317	CALCULATION NOTE FOR PUMPS 10-P-2302A/B, 10-P-2415A/B, 10-P-2445A/B, 10-P-2304, 10-P-2306A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0318	CALCULATION NOTE FOR PUMPS 10-P-2200A/B, 10-P-2220A/B, 10-P-2210A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0319	CALCULATION NOTE FOR PUMPS 10-P-5620A/B/C,10-P-5621,10-P-5650A/B, 10-P-5651A/B, 10-P-5640A/	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0320	CALCULATION NOTE FOR PUMPS 10-P-5550A/B, 10-P-5552	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0321	CALCULATION NOTE FOR PUMPS 10-P-5110A/B, 10-P-5120A/B, 10-P-5130A/B, 10-P-5500A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0322	CALCULATION NOTE FOR FOUNDATION OF 10-T-2000	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	19/03/2019	15/06/2020											
					Issue Actual	19/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01092												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0323	CALCULATION NOTE FOR FOUNDATION OF 10-T-2020	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	19/03/2019	15/06/2020											
					Issue Actual	19/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01092												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0324	CALCULATION NOTE FOR FOUNDATION OF 10-T-2100	Class 2	Purpose**	IFR	IFR	IFC										
					Rev.	A	B											
					Issue Plan	02/05/2020		15/06/2020										
					Revised Plan	21/02/2019		15/06/2020										
					Issue Actual	21/02/2019	19/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00904	TPSK-LSPA1-T-CV-01092											
					Return Date	12/03/2019	12/04/2019											
					Owner Cmmt*	A2	A2											
	CV	OL1-2K13-0325	CALCULATION NOTE FOR CONCRETE STRUCTURE OF 10-T-2040	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	01/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02030												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0326	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5605	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	30/12/2019	31/01/2020											
					Revised Plan	30/12/2019	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0327	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5610	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	30/12/2019	31/01/2020											
					Revised Plan	30/12/2019	31/01/2020											
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02118												
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

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Item	Org.	Document No.	Document Name	Classification															
	CV	OL1-2K13-0328	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-2390	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0329	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5603	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual	27/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02003													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0330	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5604	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02118													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0331	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-2090	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	10/04/2019	31/01/2020												
					Issue Actual	10/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01303													
					Return Date	09/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K13-0332	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-2190	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02118													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0333	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-2790	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0335	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-3190	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0336	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5601	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0337	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5600	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0338	CALCULATION OF BASIN FOR COOLING TOWER 10-PIT-5350	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	12/12/2019	02/01/2020	23/01/2020	08/03/2020										
					Revised Plan	12/12/2019	02/01/2020	23/01/2020	08/03/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0339	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5370	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0340	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5602	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02118													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0341	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-2392	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	30/12/2019	31/01/2020												
					Revised Plan	30/12/2019	31/01/2020												
					Issue Actual	24/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01961													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K13-0342	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5658	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	30/12/2019	31/01/2020												

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0343	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5615	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0344	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5656	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0345	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5620A/B/C	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0346	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5630	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0347	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5633	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0348	CALCULATION NOTE FOR FOUNDATION OF LIFTING STATION 10-PIT-5631	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0349	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5671	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0350	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5650A/B	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0351	CALCULATION NOTE FOR FOUNDATION OF BASIN 10-PIT-5655	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0352	CALCULATION NOTE FOR FOUNDATION OF 10-PK-5696	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	02/05/2020	15/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0353	CALCULATION NOTE FOR FOUNDATION OF CLARIFIER 10-TK-5651A/B	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	30/12/2019	31/01/2020										
					Revised Plan	30/12/2019	31/01/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0356	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	02/06/2020										
					Revised Plan	02/05/2020	02/06/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K13-0357	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/05/2020	02/06/2020										
					Revised Plan	02/05/2020	02/06/2020										
					Issue Actual												
					Transmittal no.												

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					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0358	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0359	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC									
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					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0360	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC									
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					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0361	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC									
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					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0362	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0363	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0364	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0365	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0366	CALCULATION FOR FOUNDATION AND ELEVATION OF RETAINING WALL FOR 10-TK-5900	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0367	CALCULATION FOR FOUNDATION AND ELEVATION OF RETAINING WALL FOR 10-TK-5950	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0368	CALCULATION FOR FOUNDATION AND ELEVATION OF RETAINING WALL FOR 10-TK-2320	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0369	CALCULATION FOR FOUNDATION AND ELEVATION OF RETAINING WALL FOR 10-TK-2910	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0370	CALCULATION FOR FOUNDATION AND ELEVATION OF RETAINING WALL FOR 10-TK-3900	Class 2	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/05/2020	02/06/2020									
					Revised Plan	02/05/2020	02/06/2020									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K13-0371	CALCULATION FOR FOUNDATION AND ELEVATION OF RETAINING WALL FOR 10-PK-1910	Class 2	Purpose**	IFR	IFC									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0372	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS FLARE UNIT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0373	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0374	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0375	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
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					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0376	CALCULATION FOR FOUNDATION OF SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0377	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0378	CALCULATION NOTE FOR 10-SLW-5T02	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0379	CALCULATION NOTE FOR 10-SLW-5T01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0380	CALCULATION NOTE FOR 10-SLW-0C01	Class 2	Purpose**	IFR	IFC											
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					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0381	CALCULATION NOTE FOR 10-SLW-5W01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0382	CALCULATION NOTE FOR 10-SLW-5F01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0383	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0384	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0385	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0386	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0387	CALCULATION NOTE FOR FOUNDATION FOR PLATFORMS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0388	CALCULATION FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0389	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0391	CALCULATION NOTE FOR FOUNDATION FOR SUPPORTS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	02/06/2020											
					Revised Plan	02/05/2020	02/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0393	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5900	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	13/05/2019	15/06/2020											
					Issue Actual	13/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01647												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0394	CALCULATION NOTE FOR FOUNDATION OF 10-TK-5950	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0396	CALCULATION NOTE FOR SKID 10-P-2801A/B	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0398	CALCULATION FOR BASIN 10-PIT-5642	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	30/12/2019	31/01/2020											
					Revised Plan	30/12/2019	31/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0399	CALCULATION NOTE FOR FOUNDATION OF 10-PK-2904	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0401	Calculation Note For Foundation Of 10-E-2441	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	12/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01333												
					Return Date	09/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0402	Calculation Note For Foundation Of 10-E-2442	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/04/2019	15/06/2020											
					Issue Actual	16/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01372												
					Return Date	17/05/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*	R1												
	CV	OL1-2K13-0403	Calculation Note For Foundation Of 10-E-2405	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	14/05/2019	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01661												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K13-0404	Calculation Note For Foundation Of 10-D-1912	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	22/04/2019	15/06/2020											
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01469												
					Return Date	17/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K13-0405	Calculation Note For Foundation Of 10-D-2322	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	02/05/2020												
					Revised Plan	02/05/2020												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01857												
					Return Date													
					Owner Cmmt*													
Category Code: K14 Design calculation for concrete structure (including reinforcement detail)																		
	CV	OL1-2K14-0001	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-0P01	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual	27/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01749												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0002	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-0P01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0003	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-0P02	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02121												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0004	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-0P02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.	A												
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02121												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0005	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-3A01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0006	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE RACK 10-PRK-3A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0007	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-5U01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0008	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-5U01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0009	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-2D01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0010	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-2D01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0011	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-2E01	Class 2	Purpose**	IFR	IFC											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0012	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE RACK 10-PRK-2E01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0013	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-2A01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0014	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-2A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0015	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-2B01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0016	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE RACK 10-PRK-2B01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0017	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-2C01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0018	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-2C01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0019	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-5T01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0020	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-0P03	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0021	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-5F01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0022	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE RACK 10-PRK-5F01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0023	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-2E01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	08/04/2020											
					Revised Plan	12/02/2020	08/04/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K14-0024	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2D01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	08/04/2020											
					Revised Plan	12/02/2020	08/04/2020											

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0025	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2D02	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0026	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2D03	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0027	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2D04	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0028	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-3A06	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0029	CALCULATION NOTE FOR FOUNDATION AND ELEVATIONOF 10-STR-3A03	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0030	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-3A05	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0031	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-3A04	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0032	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-3A02	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0033	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-3A01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0034	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-3A01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0035	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-5T01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0036	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-5T02	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K14-0037	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-5U01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	08/04/2020										
					Revised Plan	12/02/2020	08/04/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
					Owner Cmmt*			
	CV	OL1-2K14-0038	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2E01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0039	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2E02, 10-D-2420A/B AND 10-E-2430	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0040	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2E03	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0041	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2E04	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0042	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2D05	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0043	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-0P01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0044	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2A01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0045	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2A02	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0046	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2A03	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0047	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2B01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0048	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2B02	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0049	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2B03	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0050	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2B04	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0051	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2B05	Class 2	Purpose**	IFR	IFC	
					Rev.			

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0052	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2B06	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0053	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-2D01	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual	11/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01857		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0054	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-2D02	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0055	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2C01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0056	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2C02	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0057	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2C03	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0058	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2C04	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0059	CALCULATION NOTE FOR FOUNDATION AND ELEVATION OF 10-STR-2C05	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0060	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-2B01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0061	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-1B01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0062	CALCULATION NOTE FOR FOUNDATION OF WASTE STORAGE BUILDING	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0063	CALCULATION NOTE FOR FOUNDATION OF LUBRIFICATION OIL & GREASE STORAGE	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K14-0064	CALCULATION NOTE FOR FOUNDATION OF GAS CYLINDER STORAGE	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	08/04/2020	
					Revised Plan	12/02/2020	08/04/2020	
					Issue Actual			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0065	CALCULATION NOTE FOR FOUNDATION OF TOOL ROOM OPERATION	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	12/02/2020	08/04/2020												
					Revised Plan	12/02/2020	08/04/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0066	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE ARCK 10-PRK-0P03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0067	CALCULATION NOTES FOR FOUNDATION & ELEVATION OF PIPE RACK 10-PRK-2B02	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0068	CALCULATION NOTES FOR PRECAST CONCRETE ELEVATION OF PIPE RACK 10-PRK-2B02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0070	CALCULATION NOTE FOR FOUNDATION OF 10-SHT-5T03	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	12/02/2020	08/04/2020												
					Revised Plan	12/02/2020	08/04/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0071	CALCULATION NOTE FOR FOUNDATION OF STORAGE SHELTER FOR CHENICALS	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	12/02/2020	08/04/2020												
					Revised Plan	12/02/2020	08/04/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K14-0073	CALCULATION NOTE FOR FOUNDATION OF 10-STR-1B01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	08/08/2019	07/11/2019												
					Revised Plan	08/08/2019	07/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: K15 Design calculation for steel structure (including connection joint)				Class 2	Purpose**														
	CV	OL1-2K15-0001	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-0P01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.	A													
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual	27/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01749													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0002	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-0P02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.	A													
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual	11/07/2019													
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					Return Date														
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	CV	OL1-2K15-0003	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-3A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0004	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-5U01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0005	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-2D01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0006	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-2E01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*														
	CV	OL1-2K15-0007	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-2A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
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					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0008	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-2B01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0009	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-2C01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
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					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0010	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-5T01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0011	CALCULATION NOTES FOR STEEL 10-PRK-5F01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0012	CALCULATION NOTE FOR STEEL OF 10-SHT-2E01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0013	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2E01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0014	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2E02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0015	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2E03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0016	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2E04	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
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					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0017	CALCULATION FOR STEEL STRUCTURE 10-STR-2D05	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0018	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2B01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0019	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2B02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0020	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2B03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														

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LONG SON PETROCHEMICALS

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LSP-2W91-0001	10
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Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0021	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2B04	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0022	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2B05	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0023	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2B06	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0024	CALCULATION NOTE FOR STEEL STRUCTURE 10-SHT-2D01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Return Date													
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	CV	OL1-2K15-0025	CALCULATION NOTE FOR STEEL STRUCTURE 10-SHT-2D02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Owner Cmmt*													
	CV	OL1-2K15-0026	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2C01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
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					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0027	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2C02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Transmittal no.													
					Return Date													
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	CV	OL1-2K15-0028	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2C03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0029	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2C04	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0030	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2C05	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
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					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0032	CALCULATION NOTE FOR STEEL STRUCTURE 10-SHT-1B01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0033	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-0P01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0034	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0035	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2A02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0036	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-2A03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0037	CALCULATION FOR STEEL STRUCTURE 10-STR-2D01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0038	CALCULATION FOR STEEL STRUCTURE 10-STR-2D02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0039	CALCULATION FOR STEEL STRUCTURE 10-STR-2D03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0040	CALCULATION FOR STEEL STRUCTURE 10-STR-2D04	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0041	CALCULATION NOTE FOR STEEL FOR WASTE STORAGE BUILDING	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0042	CALCULATION NOTE FOR STEEL FOR LUBRIFICATION OIL & GREASE STORAGE	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0043	CALCULATION NOTE FOR STEEL FOR GAS CYLINDER STORAGE	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0044	CALCULATION NOTE FOR STEEL FOR TOOL ROOM OPERATION	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0045	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-0P03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0046	CALCULATION FOR STEEL STRUCTURE 10-STR-3A06	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K15-0047	CALCULATION FOR STEEL STRUCTURE 10-STR-3A03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.: LSP-2W91-0001

REV.: 10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
	CV	OL1-2K15-0048	CALCULATION FOR STEEL STRUCTURE 10-STR-3A05	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0049	CALCULATION FOR STEEL STRUCTURE 10-STR-3A04	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0050	CALCULATION FOR STEEL STRUCTURE 10-STR-3A02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0051	CALCULATION FOR STEEL STRUCTURE 10-STR-3A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0052	CALCULATION FOR STEEL STRUCTURE 10-SHT-3A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0053	CALCULATION FOR STEEL STRUCTURE 10-SHT-5T01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0054	CALCULATION FOR STEEL STRUCTURE 10-SHT-5T02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0055	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-5U01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0056	CALCULATION NOTES FOR STEEL PIPE RACK 10-PRK-2B02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020									
					Revised Plan	15/03/2020	15/04/2020	16/05/2020	15/06/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0058	CALCULATION NOTE FOR STEEL FOR STORAGE SHELTER FOR CHENICALS	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0059	CALCULATION FOR STEEL STRUCTURE 10-SHT-5T03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Revised Plan	13/04/2020	14/05/2020	21/07/2020	04/09/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0060	CALCULATION NOTE FOR STEEL STRUCTURE 10-STR-1B01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	06/08/2019	06/11/2019	09/06/2020	24/07/2020									
					Revised Plan	06/08/2019	06/11/2019	09/06/2020	24/07/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K15-0065	Calculation Note For Steel Structure Of 10-T-2040	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan	18/02/2019												
					Revised Plan	27/07/2019												
					Issue Actual	01/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02030												
					Return Date													
					Owner Cmmt*													
Category Code: K16 Design calculation for all drainage systems (including roof gutter, down spout, and grating cover)																		
	CV	OL1-2K16-0001	UNDERGROUND CALCULATION NOTES	Class 2	Purpose**	IFR	IDD											
					Rev.	A												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	18/06/2019	20/12/2019											
					Revised Plan	03/04/2019	20/12/2019											
					Issue Actual	03/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01239												
					Return Date	03/06/2019												
					Owner Cmmt*	A2												
Category Code: K17 Design calculation for all blast material i.e. door,wall																		
Category Code: K20 Standard drawing for civil work																		
	CV	OL1-2K20-0001	CONSTR.STDS.FOR CONCRETE WORKS	Class 2	Purpose**	IFR	IFC	IFC										
					Rev.	A	0	1										
					Issue Plan	25/09/2018	20/01/2019											
					Revised Plan	25/09/2018	06/03/2019											
					Issue Actual	25/09/2018	06/03/2019	15/07/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00088	TPSK-LSPA1-T-CV-00997	TPSK-LSPA1-T-CV-02136										
					Return Date	02/11/2018	28/03/2019											
					Owner Cmmt*	R1	A2											
Category Code: K21 Standard drawing for steel structure work																		
	CV	OL1-2K21-0001	CONSTR.STD.STEEL STRUCTURES	Class 2	Purpose**	IFR	IFC	IFC										
					Rev.	A	0	1										
					Issue Plan	25/09/2018	31/01/2019											
					Revised Plan	25/09/2018	06/03/2019											
					Issue Actual	25/09/2018	06/03/2019	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00088	TPSK-LSPA1-T-CV-00996	TPSK-LSPA1-T-CV-02051										
					Return Date	02/11/2018	31/03/2019											
					Owner Cmmt*	R1	A2											
Category Code: K22 Standard drawing for architecture work																		
Category Code: K23 Land Developmemt Drawing																		
Category Code: K25 Plant Layouts				Class 2	Purpose**													
	CV	OL1-2K25-0001	KEY PLAN FOR INSTALLATION DWGS	Class 2	Purpose**	IFR	IDD											
					Rev.	A												
					Issue Plan	01/08/2019	30/10/2019											
					Revised Plan	08/04/2019	30/10/2019											
					Issue Actual	08/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01271												
					Return Date	07/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K25-0002	KEY PLAN FOR STRUCTURES	Class 2	Purpose**	IFR	IDD											
					Rev.	A												
					Issue Plan	06/05/2019	01/08/2019											
					Revised Plan	27/03/2019	01/08/2019											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01171												
					Return Date	03/06/2019												
					Owner Cmmt*	A1												
Category Code: K26 Underground communication Layouts																		
Category Code: K27 Road and Drainage Layouts																		
	CV	OL1-2K27-0001	ROADS, PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	18/03/2019	29/09/2020											
					Issue Actual	15/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01074												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K27-0002	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K27-0003	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K27-0004	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K27-0005	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K27-0006	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K27-0007	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K27-0008	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	15/05/2020	29/09/2020											
					Revised Plan	15/05/2020	29/09/2020											
					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K27-0009	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/05/2020	29/09/2020												
					Revised Plan	15/05/2020	29/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K27-0010	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/05/2020	29/09/2020												
					Revised Plan	15/05/2020	29/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K27-0011	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	10/07/2020	01/09/2020	01/10/2020	31/10/2020										
					Revised Plan	10/07/2020	01/09/2020	01/10/2020	31/10/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K27-0012	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/05/2020	29/09/2020												
					Revised Plan	15/05/2020	29/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K27-0013	ROADS , PAVING AND FINISHING LAYOUT	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	15/05/2020	29/09/2020												
					Revised Plan	15/05/2020	29/09/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: K28 Fireproofing Plan																			
Category Code: K30 General Arrangement for Architectural drawings of Buildings																			
	CV	OL1-2K30-0001	ELECTRICAL SUBSTATION SUB-E & FIELD AUXILIARY ROOM FAR-1 - ARCHITECTURAL CONSTR. DWGS	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	29/03/2020	13/05/2020												
					Revised Plan	29/03/2020	13/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K30-0002	Electrical SUB-E And FAR-1 - Architectural Ground Floor Plan	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01122													
					Return Date	30/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K30-0003	Electrical SUB-E And FAR-1 - Architectural First Floor Plan	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01122													
					Return Date	30/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K30-0004	Electrical SUB-E And FAR-1 - Architectural First Floor Plan	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01122													
					Return Date	30/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K30-0005	Electrical SUB-E And FAR-1 - Architectural Sections	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01122													
					Return Date	30/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K30-0006	Electrical SUB-E And FAR-1 - Architectural Section D And Elevation 1	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01122													
					Return Date	30/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K30-0007	Electrical SUB-E And FAR-1 - Architectural Elevations	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01122													
					Return Date	30/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2K30-0010	ELECTRICAL SUBSTATION SUB-E & FIELD AUXILIARY ROOM FAR-1 - PLUMBING DWGS	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	29/03/2020	13/05/2020												
					Revised Plan	29/03/2020	13/05/2020												
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K30-0015	ELECTRICAL SUBSTATION SUB-C & FIELD AUXILIARY ROOM FAR-2 - ARCHITECTURAL CONSTR. DWGS	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	29/03/2020	13/05/2020											
					Revised Plan	29/03/2020	13/05/2020											
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0016	Electrical SUB-C And FAR-2 - Architectural First Floor Plan	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	21/03/2019												
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0017	Electrical SUB-C And FAR-2 - Architectural Roof Floor Plan	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	21/03/2019												
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0018	Electrical SUB-C And FAR-2 - Architectural Sections	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	21/03/2019												
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0019	Electrical SUB-C And FAR-2 - Architectural Elevations	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	21/03/2019												
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0025	ELECTRICAL SUBSTATION SUB-C & FIELD AUXILIARY ROOM FAR-2 - PLUMBING DWGS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	29/03/2020	13/05/2020											
					Revised Plan	29/03/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K30-0030	GATEHOUSE - ARCHITECTURAL CONSTR. DWGS	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	28/11/2019	28/01/2020											
					Revised Plan	28/11/2019	28/01/2020											
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0031	Gatehouse A - Architectural Elevations And Sections	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/03/2019												
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0032	Gatehouse A - Architectural Isometric Views	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/03/2019												
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0035	GATEHOUSE - PLUMBING	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	28/11/2019	28/01/2020											
					Revised Plan	28/11/2019	28/01/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K30-0038	Gatehouse A - Architectural Plans Elevations Sections And Schedules	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/03/2019												
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0040	OPERATION TOOL ROOM - ARCHITECTURAL CONSTR. DWGS	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	16/12/2019	15/02/2020											
					Revised Plan	16/12/2019	15/02/2020											
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0041	Operation Tool Room - Architectural Elevations And Sections	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	14/03/2019												
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0042	Operation Tool Room - Architectural Isometric Views	Class 2	Purpose**	IFR												

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Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Rev.	A												
					Issue Plan													
					Revised Plan	14/03/2019												
					Issue Actual	14/03/2019												
					Transmittal no.	TPSL-LSPA1-T-CV-01064												
					Return Date	12/04/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0045	OPERATION TOOL ROOM - PLUMBING	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	16/12/2019	15/02/2020											
					Revised Plan	16/12/2019	15/02/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K30-0050	Electrical SUB-F And FAR-F - Architectural Plans And Schedules	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	21/03/2019												
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K30-0051	Electrical SUB-F And FAR-F - Architectural Sections And Elevations	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	21/03/2019												
					Issue Actual	21/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01122												
					Return Date	30/05/2019												
					Owner Cmmt*	A2												
Category Code: K31 General Arrangement for Civil Concrete Works drawings																		
	CV	OL1-2K31-0004	Foundation For 10-E-2765	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	30/04/2019	15/06/2020											
					Issue Actual	30/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01522												
					Return Date	27/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0005	Foundation For 10-E-2585	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	01/04/2019	15/06/2020											
					Issue Actual	01/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01206												
					Return Date	07/06/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0040	Foundation for 10-T-2300	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/06/2019												
					Issue Actual	11/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01854												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0051	Foundation For 10-D-2210	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	27/03/2019	15/06/2020											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01169												
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K31-0052	Foundation For 10-D-2230	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	27/03/2019	15/06/2020											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01169												
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K31-0053	Foundation for 10-D-2405	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	27/03/2019	15/06/2020											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01169												
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K31-0062	Foundation For 10-E-2230A-B	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/04/2019	15/06/2020											
					Issue Actual	16/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01373												
					Return Date	17/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0063	Foundation For 10-E-2412	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	12/04/2019	15/06/2020											
					Issue Actual	12/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01334												
					Return Date	07/06/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0064	Foundation for 10-E-2413	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	24/04/2019	15/06/2020											
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01470												
					Return Date	17/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0066	Foundation For 10-E-2446	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											

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Plant Name: PACKAGE A1: OLEFINS PLANT

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Issue Date	02/09/19

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					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01373											
					Return Date	17/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0068	Foundation For 10-E-2450	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	15/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01349											
					Return Date	23/04/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0070	Foundation For 10-E-2206	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	01/04/2019	15/06/2020										
					Issue Actual	01/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01206											
					Return Date	07/06/2019											
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	CV	OL1-2K31-0071	Foundation For 10-E-2210AB	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01373											
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-0072	Foundation For 10-E-2220A-B	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01373											
					Return Date	17/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0073	Foundation For 10-E-2240A-B	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01373											
					Return Date	17/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0075	Foundation For 10-E-2305	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	16/04/2019	15/06/2020										
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01373											
					Return Date	17/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0094	Foundation For 10-T-2580	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	27/03/2019	15/06/2020										
					Issue Actual	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01169											
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K31-0096	Foundation For 10-T-2570	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	27/03/2019	15/06/2020										
					Issue Actual	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01169											
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K31-0097	Foundation For 10-T-2510 And 10-T-2540	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	03/04/2019	15/06/2020										
					Issue Actual	03/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01241											
					Return Date	07/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0098	Foundation For 10-T-2510 And 10-T-2540	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	03/04/2019	15/06/2020										
					Issue Actual	03/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01241											
					Return Date	07/05/2019											
					Owner Cmmt*	A2											
	CV	OL1-2K31-0100	Foundation For 10-D-2411	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	27/03/2019	15/06/2020										
					Issue Actual	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01169											
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K31-0101	Foundation Vor 10-D-2480A	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	02/05/2020	15/06/2020										
					Revised Plan	27/03/2019	15/06/2020										
					Issue Actual	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01169											
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K31-0103	Foundation for 10-D-2322	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/06/2019											
					Issue Actual	11/06/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01854											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0104	Foundation For 10-E-1006	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	27/05/2019												
					Issue Actual	27/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01747												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0106	Foundation For 10-D-2420A-B	Class 2	Purpose**	IFR	IFC											
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					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	14/05/2019	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01663												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0107	Concrete Structure For 10-D-2880 And 10-D-2865 - Reinforcement	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	04/07/2019												
					Issue Actual	04/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02071												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0111	Foundation For 10-D-2525	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	20/06/2019												
					Issue Actual	20/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01926												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0113	Concrete Structure For 10-D-2880 And 10-D-2865 - Formworks	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	01/07/2019												
					Issue Actual	01/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02028												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0117	Foundation For 10-E-2587	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	01/04/2019	15/06/2020											
					Issue Actual	01/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01206												
					Return Date	07/06/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0143	Foundation For 10-R-2700A-B	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01663												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0144	Foundation For 10-R-2620 A	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/04/2019	15/06/2020											
					Issue Actual	16/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01373												
					Return Date	17/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0147	Foundation For 10-E-2666	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01663												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0149	Foundation For 10-E-2660	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	24/04/2019	15/06/2020											
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01470												
					Return Date	17/05/2019												
					Owner Cmmt*	A2												
	CV	OL1-2K31-0153	Foundation for 10-T-2630	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	16/04/2019	15/06/2020											
					Issue Actual	16/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01373												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0154	Foundation For 10-R-2470A-B-C	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	02/05/2020	15/06/2020											
					Issue Actual	14/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01663												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-0157	Foundation For 10-D-2460	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	02/05/2020	15/06/2020											
					Revised Plan	27/03/2019	15/06/2020											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01169												
					Return Date	12/04/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K31-0158	Foundation For 10-D-2440	Class 2	Purpose**	IFR	IFC											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment	Working Days
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	27/03/2019	15/06/2020		
					Issue Actual	27/03/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01169			
					Return Date	12/04/2019			
					Owner Cmmt*	R2			
	CV	OL1-2K31-0159	Foundation for 10-D-1000	Class 2	Purpose**	IFR	IFC		
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					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	16/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01373			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K31-0160	Foundation For 10-E-2635	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	15/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01349			
					Return Date	23/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0163	Foundation for 10-E-2474	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	16/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01373			
					Return Date	17/05/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0164	Foundation For 10-E-2465	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	16/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01373			
					Return Date	17/05/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0165	Foundation For 10-E-2460	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	16/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01373			
					Return Date	17/05/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0166	Foundation For 10-E-2440	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	12/04/2019	15/06/2020		
					Issue Actual	12/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01334			
					Return Date	07/06/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0170	Foundation For 10-E-1000 A/B	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	15/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01349			
					Return Date	23/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0171	Foundation For 10-E-1005	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	16/04/2019	15/06/2020		
					Issue Actual	15/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01349			
					Return Date	23/04/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0177	Foundation For 10-D-2705	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	30/04/2019	15/06/2020		
					Issue Actual	30/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01522			
					Return Date	27/05/2019			
					Owner Cmmt*	A4			
	CV	OL1-2K31-0178	Foundation For 10-E-2705	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	30/04/2019	15/06/2020		
					Issue Actual	30/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01522			
					Return Date	27/05/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0180	Foundation For 10-D-2735	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	18/04/2019	15/06/2020		
					Issue Actual	18/04/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01414			
					Return Date	27/05/2019			
					Owner Cmmt*	A2			
	CV	OL1-2K31-0184	Foundation For 10-E-2755	Class 2	Purpose**	IFR	IFC		
					Rev.	A			
					Issue Plan	02/05/2020	15/06/2020		
					Revised Plan	02/05/2020	15/06/2020		
					Issue Actual	14/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01663			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K31-0188	Foundation For 10-E-2702	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/06/2019			

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
					Issue Actual	27/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02004		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0189	Foundation For 10-E-2701	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	23/04/2019	15/06/2020	
					Issue Actual	23/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01455		
					Return Date	27/05/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K31-0190	Foundation For 10-E-2706	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual	14/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01663		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0198	Foundation For 10-E-2882 And 10-E-2884	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	01/04/2019	15/06/2020	
					Issue Actual	01/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01206		
					Return Date	07/06/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K31-0203	Foundation For 10-D-1910	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	02/05/2020	15/06/2020	
					Revised Plan	02/05/2020	15/06/2020	
					Issue Actual	24/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01470		
					Return Date	17/05/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K31-0210 S	Foundation For 10-TK-3900	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/07/2019		
					Issue Actual	15/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02152		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0210 S	Foundation For 10-TK-3900	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/07/2019		
					Issue Actual	15/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02152		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0211	Foundation For 10-T-3000	Class 2	Purpose**	IFR	IFR	
					Rev.	A	A	
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	14/06/2019	17/06/2019	
					Transmittal no.	TPSK-LSPA1-T-CV-01896	TPSK-LSPA1-T-CV-01896	
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0215	Foundation For 10-T-3030	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	14/06/2019		
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0216	Foundation For 10-T-3050	Class 2	Purpose**	IFR		
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					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
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					Transmittal no.	TPSK-LSPA1-T-CV-01898		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0219	Foundation For 10-T-3080	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	17/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01898		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0220	Foundation For 10-T-3070	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	02/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02047		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0226	Foundation For 10-D-3180	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	02/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02047		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0227	Foundation For 10-D-3110	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	02/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02047		
					Return Date			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
					Owner Cmmt*			
	CV	OL1-2K31-0266	Foundation For 10-D-3126	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	02/07/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-02047		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0267	Foundation For 10-D-5550	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	11/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01852		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0268	Foundation For 10-D-5500	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	02/05/2020		
					Issue Actual	20/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01923		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0269	FOUNDATION FOR 10-D-5510	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	13/05/2019		
					Issue Actual	13/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01647		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0270	FOUNDATION FOR 10-D-5513	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	13/05/2019		
					Issue Actual	13/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01647		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0271	FOUNDATION FOR 10-D-5515	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	13/05/2019		
					Issue Actual	13/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01647		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0272	FOUNDATION FOR 10-D-5520	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	13/05/2019		
					Issue Actual	13/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01647		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0275	FOUNDATION FOR 10-E-5513	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan	02/05/2020		
					Revised Plan	15/05/2019		
					Issue Actual	17/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01687		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0278	Foundation For 10-TK-5640	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	10/06/2019		
					Issue Actual	10/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01837		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0278 S	Foundation For 10-TK-5640	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	20/06/2019		
					Issue Actual	20/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01923		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0284	FOUNDATION FOR 10-E-5510	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	17/05/2019		
					Issue Actual	17/05/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01687		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0303-0	Foundation For10-TK-5110	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	13/06/2019		
					Issue Actual	13/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01886		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0303-0	Foundation For 10-TK-5110	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	13/06/2019		
					Issue Actual	13/06/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01886		
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-0304-0	Foundation For 10-TK-5120	Class 2	Purpose**	IFR		
					Rev.	A		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Issue Plan											
					Revised Plan	13/06/2019										
					Issue Actual	13/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01886										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0304-0	Foundation For 10-TK-5120	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	13/06/2019										
					Issue Actual	13/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01886										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0307	Foundation For 10-D-5400	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	30/04/2019	15/06/2020									
					Issue Actual	30/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01522										
					Return Date	27/05/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K31-0308	Foundation For 10-D-5114	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	23/04/2019	15/06/2020									
					Issue Actual	23/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01455										
					Return Date	27/05/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K31-0309	Foundation For 10-D-5112	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	23/04/2019	15/06/2020									
					Issue Actual	23/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01455										
					Return Date	27/05/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K31-0310	Foundation for 10-D-5552	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan	02/05/2020										
					Revised Plan	02/05/2020										
					Issue Actual	10/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01837										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0311	Foundation for 10-D-5565	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan	02/05/2020										
					Revised Plan	02/05/2020										
					Issue Actual	10/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01837										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0313	Foundation For 10-E-5113	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	15/05/2019	15/06/2020									
					Issue Actual	14/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01663										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0314	Foundation For 10-E-5552	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan	02/05/2020										
					Revised Plan	02/05/2020										
					Issue Actual	10/06/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01837										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0323	FOUNDATION FOR 10-TK-5900	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan	02/05/2020										
					Revised Plan	13/05/2019										
					Issue Actual	13/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01647										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0338	Foundation For 10-E-2441	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/04/2019										
					Issue Actual	12/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01334										
					Return Date	07/06/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K31-0339	Foundation for 10-E-2442	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	16/04/2019	15/06/2020									
					Issue Actual	16/04/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01373										
					Return Date	17/05/2019										
					Owner Cmmt*	A2										
	CV	OL1-2K31-0340	Foundation For 10-E-2405	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	06/05/2019	15/06/2020									
					Issue Actual	14/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01663										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K31-0341	Foundation For 10-D-1912	Class 2	Purpose**	IFR	IFC									
					Rev.	A										
					Issue Plan	02/05/2020	15/06/2020									
					Revised Plan	24/04/2019	15/06/2020									
					Issue Actual	24/04/2019										

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days
					Transmittal no.	TPSK-LSPA1-T-CV-01470								
					Return Date	17/05/2019								
					Owner Cmmt*	A2								
	CV	OL1-2K31-0342	Olefins Plant - Preliminary Field Pile Trial - Layout And Programme	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	30/05/2019								
					Issue Actual	30/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01769								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-0343	Bored Piles For Preliminary Test	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	30/05/2019								
					Issue Actual	30/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01769								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1000	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-0P01	Class 2	Purpose**	IFR	IFC							
					Rev.	A								
					Issue Plan	18/09/2019	18/11/2019							
					Revised Plan	18/09/2019	18/11/2019							
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1001	Foundation And Elevation Of Pipe Rack 10-PRK-0P01 - Formwork And Reinforcement	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1020	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-0P01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2					
					Rev.	A								
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020					
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020					
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1021	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Plans	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1022	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Plans	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1023	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Elevations	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1024	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Elevations	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1025	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Elevations	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1026	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Columns	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1027	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Columns	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									
	CV	OL1-2K31-1028	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Columns	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	27/05/2019								
					Issue Actual	27/05/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01747								
					Return Date									
					Owner Cmmt*									

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
	CV	OL1-2K31-1029	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Beams	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/05/2019													
					Issue Actual	27/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01747													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1030	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Beams	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/05/2019													
					Issue Actual	27/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01747													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1031	Precast Concrete Elevation For Pipe Rack 10-PRK-0P01 - Steel Bracings Details	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	30/05/2019													
					Issue Actual	30/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01771													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1040	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-0P02	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1041	Foundation And Elevation Of Piperack 10-PRK-0P02 - Formwork And Reinforcement -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1060	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-0P02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.	A													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1061	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Plans -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1062	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Plans -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1063	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1064	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1065	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1066	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1067	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Columns -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1068	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Columns -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1069	Precast Concrete Elevation For Piperack 10-PRK-0P02 -Columns -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1070	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Columns -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1071	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Columns -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1072	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Columns -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1073	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Beams -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1074	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Beams -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1075	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Beams -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1076	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Beams -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1077	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Beams -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1078	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Steel Bracings Details -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1079	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Steel Bracings Details -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1080	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-0P03	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1100	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-0P03	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1120	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-3A01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1140	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-3A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1160	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-5U01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1180	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-5U01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1200	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-2D01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1220	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-2D01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1240	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-2E01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1260	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-2E01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1280	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-2A01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1300	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-2A01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1320	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-2B01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1340	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-2B02	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	18/09/2019	18/11/2019												
					Revised Plan	18/09/2019	18/11/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1360	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-2B01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										
					Rev.														
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-1380	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-2B02	Class 2	Purpose**	IFR	IFC	IFC1	IFC2										

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION			DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document	*Owner Feedback (Comment)	***Classification	LSP-2W91-0001	10
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		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution			
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment	Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1400	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-2C01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1440	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-2C01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1500	FOUNDATION AND ELEVATION OF PIPE RACK 10-PRK-5T01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1520	PRECAST CONCRETE ELEVATION FOR PIPE RACK 10-PRK-5F01	Class 2	Purpose**	IFR	IFC	IFC1	IFC2									
					Rev.													
					Issue Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Revised Plan	18/09/2019	18/11/2019	18/12/2019	15/01/2020									
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1540	FOUNDATION FOR 10-PRK-5F01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	18/09/2019	18/11/2019											
					Revised Plan	18/09/2019	18/11/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1560	FOUNDATION AND ELEVATION FOR 10-STR-2E01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1580	FOUNDATION AND ELEVATION FOR 10-STR-2E02, 10-D-2420A/B AND 10-E-2430	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1600	FOUNDATION AND ELEVATION FOR 10-STR-2E03	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1620	FOUNDATION AND ELEVATION FOR 10-STR-2E04	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1640	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-2D05	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1660	FOUNDATION AND ELEVATION FOR 10-STR-2B01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1680	FOUNDATION AND ELEVATION FOR 10-STR-2B02	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-1700	FOUNDATION AND ELEVATION FOR 10-STR-2B03	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1720	FOUNDATION AND ELEVATION FOR 10-STR-2B04	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1740	FOUNDATION AND ELEVATION FOR 10-STR-2B05	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1760	FOUNDATION AND ELEVATION FOR 10-STR-2B06	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1780	FOUNDATION AND ELEVATION FOR 10-SHT-2D01	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual	11/06/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01858											
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1800	FOUNDATION AND ELEVATION FOR 10-SHT-2D02	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1820	FOUNDATION AND ELEVATION FOR 10-STR-2C01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1840	FOUNDATION AND ELEVATION FOR 10-STR-2C02	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1860	FOUNDATION AND ELEVATION FOR 10-STR-2C03	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1880	FOUNDATION AND ELEVATION FOR 10-STR-2C04	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1900	FOUNDATION AND ELEVATION FOR 10-STR-2C05	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1920	FOUNDATION AND ELEVATION FOR 10-SHT-2B01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1940	FOUNDATION AND ELEVATION FOR 10-SHT-1B01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K31-1960	FOUNDATION AND ELEVATION FOR 10-STR-0P01	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	12/02/2020	13/05/2020										
					Revised Plan	12/02/2020	13/05/2020										
					Issue Actual												
					Transmittal no.												
					Return Date												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*													
	CV	OL1-2K31-1980	FOUNDATION AND ELEVATION FOR 10-STR-2A01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2000	FOUNDATION AND ELEVATION FOR 10-STR-2A02	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2020	FOUNDATION AND ELEVATION FOR 10-STR-2A03	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2040	FOUNDATION AND ELEVATION FOR WASTE STORAGE BUILDING	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2060	FOUNDATION AND ELEVATION FOR STORAGE SHELTER FOR CHENICALS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2080	FOUNDATION AND ELEVATION FOR LUBRIFICATION OIL & GREASE STORAGE	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2100	FOUNDATION AND ELEVATION FOR GAS CYLINDER STORAGE	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2120	FOUNDATION AND ELEVATION FOR TOOL ROOM OPERATION	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2140	FOUNDATION FOR 10-SHT-2E01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2160	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-2D01	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2180	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-2D02	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2200	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-2D03	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2220	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-2D04	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	12/02/2020	13/05/2020											
					Revised Plan	12/02/2020	13/05/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-2240	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-3A06	Class 2	Purpose**	IFR	IFC											
					Rev.													

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DOCUMENT NO.	REV.
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Item	Org.	Document No.	Document Name	Classification				
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2260	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-3A03	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2280	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-3A05	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2300	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-3A04	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2320	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-3A02	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2340	FOUNDATION AND ELEVATION FOR STRUCTURE 10-STR-3A01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2360	FOUNDATION FOR STRUCTURE 10-SHT-3A01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2380	FOUNDATION FOR STRUCTURE 10-SHT-5T01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2400	FOUNDATION FOR STRUCTURE 10-SHT-5T02	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2420	FOUNDATION FOR STRUCTURE 10-SHT-5T03	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2440	FOUNDATION AND ELEVATION FOR 10-STR-5U01	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	12/02/2020	13/05/2020	
					Revised Plan	12/02/2020	13/05/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K31-2520	Concrete Basin 10-PIT-2090	Class 2	Purpose**	IFR	IFC	
					Rev.	A		
					Issue Plan	24/12/2019	24/01/2020	
					Revised Plan	10/04/2019	24/01/2020	
					Issue Actual	10/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01304		
					Return Date	09/05/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K31-2521	Concrete Basin 10-PIT-2090	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	10/04/2019		
					Issue Actual	10/04/2019		
					Transmittal no.	TPSK-LSPA1-T-CV-01304		
					Return Date	09/05/2019		
					Owner Cmmt*	A2		
	CV	OL1-2K31-2540	Concrete Basin 10-PIT-5602	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	11/07/2019		
					Issue Actual	11/07/2019		

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LSP-2W91-0001	10

Issue Date 02/09/19

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Item	Org.	Document No.	Document Name	Classification															
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2541	Concrete Basin 10-PIT-5602	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2560	Foundation For 10-H-1100	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02148													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2561	Foundation For 10-H-1100	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02148													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2580	Foundation For 10-H-1200 To 1600	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02148													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2581	Foundation For 10-H-1200 To 1600	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02148													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2600	Foundation For Basin 10-PIT-2190	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2601	Foundation For Basin 10-PIT-2190	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2640	Foundation for Basin 10-PIT-2392	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/06/2019													
					Issue Actual	24/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01958													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-2641	Concrete Basin 10-PIT-2392	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/06/2019													
					Issue Actual	27/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02004													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-3000	FOUNDATION FOR 10-STR-1B01	Class 2	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/05/2020	15/06/2020												
					Revised Plan	02/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-3040	Concrete Basin 10-PIT-5604	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-3041	Concrete Basin 10-PIT-5604	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02116													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K31-3140	Concrete Basin 10-PIT-5603 - Formwork	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/06/2019													
					Issue Actual	27/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02004													
					Return Date														
					Owner Cmmt*														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	CV	OL1-2K31-3141	Concrete Basin 10-PIT-5603 - Reinforcement	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	27/06/2019												
					Issue Actual	27/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02004												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-4060	Zone 2A - Piling Plan	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	15/10/2019	15/12/2019											
					Revised Plan	27/03/2019	15/12/2019											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01170												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K31-4120	Zone 2D - Piling Plan	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	15/10/2019	15/12/2019											
					Revised Plan	27/03/2019	15/12/2019											
					Issue Actual	27/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01170												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	CV	OL1-2K31-4460	Concrete Basin 10-PIT-5610	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/07/2019												
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02116												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-4461	Concrete Basin 10-PIT-5610	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/07/2019												
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02116												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-4580	Concrete Structure For 10-T-2040 - Formwork	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	01/07/2019												
					Issue Actual	01/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02028												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-4581	Concrete Structure For 10-T-2040 - Reinforcement	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	01/07/2019												
					Issue Actual	01/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02028												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-5140	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Steel Bracings Details -	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/07/2019												
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02116												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K31-5141	Precast Concrete Elevation For Piperack 10-PRK-0P02 - Steel Bracings Details -	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/07/2019												
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-02116												
					Return Date													
					Owner Cmmt*													
Category Code: K32 General Arrangement for Steel Structure drawings																		
	CV	OL1-2K32-1060	STEEL FOR PIPE RACK 10-PRK-3A01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	28/11/2019	01/02/2020	17/03/2020										
					Revised Plan	28/11/2019	01/02/2020	17/03/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1080	STEEL FOR PIPE RACK 10-PRK-5U01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	28/11/2019	01/02/2020	17/03/2020										
					Revised Plan	28/11/2019	01/02/2020	17/03/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1100	STEEL FOR PIPE RACK 10-PRK-2D01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	28/11/2019	01/02/2020	17/03/2020										
					Revised Plan	28/11/2019	01/02/2020	17/03/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1120	STEEL FOR PIPE RACK 10-PRK-2E01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	28/11/2019	01/02/2020	17/03/2020										
					Revised Plan	28/11/2019	01/02/2020	17/03/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1140	STEEL FOR PIPE RACK 10-PRK-2A01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													

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LONG SON PETROCHEMICALS

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Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification															
																	Period for Company's comment		Working Days
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1160	STEEL FOR PIPE RACK 10-PRK-2B01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1180	STEEL FOR PIPE RACK 10-PRK-2B02	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1200	STEEL FOR PIPE RACK 10-PRK-2C01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1240	STEEL FOR PIPE RACK 10-PRK-5T01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1260	STEEL FOR 10-PRK-5F01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1280	STEEL FOR 10-SHT-2E01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1300	STEEL FOR STRUCTURE 10-STR-2E01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1304	FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	20/03/2019		10/04/2019											
					Revised Plan	16/04/2019	11/04/2019	16/04/2019											
					Issue Actual		11/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01321												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1320	STEEL FOR STRUCTURE 10-STR-2E02	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1340	STEEL FOR STRUCTURE 10-STR-2E03	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1360	STEEL FOR STRUCTURE 10-STR-2E04	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1380	STEEL FOR STRUCTURE 10-STR-2D05	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1400	STEEL FOR STRUCTURE 10-STR-2B01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1420	STEEL FOR STRUCTURE 10-STR-2B02	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1440	STEEL FOR STRUCTURE 10-STR-2B03	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1460	STEEL FOR STRUCTURE 10-STR-2B04	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1480	STEEL FOR STRUCTURE 10-STR-2B05	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1500	STEEL FOR STRUCTURE 10-STR-2B06	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1511	USC 36M FURNACE STEEL RADIANT FLOOR & RADIANT ARCH PLANS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	02/09/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01222,	TPSK-LSPA1-T-CV-01702,	TPSK-LSPA1-T-CV-01702											
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1512	USC 36M FURNACE STEEL RADIANT SIDE WALL AT COL LINE A1 AND D1	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	02/09/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1513	USC 36M FURNACE STEEL RADIANT SIDE WALL AT COL LINE A1 AND D1	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1514	USC 36M FURNACE STEEL RADIANT END WALL AT COL LINE 1 AND 5	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1515	USC 36M FURNACE STEEL TRANSITION FLOOR PLAN & SECTIONS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	02/09/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1516	USC 36M FURNACE STEEL SHADOW BOX DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1517	USC 36M FURNACE STEEL RADIANT SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-1518	USC 36M FURNACE STEEL RADIANT SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
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LSP-2W91-0001	10

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	CV	OL1-2K32-1519	USC 36M FURNACE STEEL RADIANT SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	01/04/2019	09/10/2019										
					Issue Actual		01/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01222											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1520	USC 36M FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COL LINE B1	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	10/04/2019	09/10/2019										
					Issue Actual		10/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01308											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1521	USC 36M FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COLUMN LINE C1	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	10/04/2019	09/10/2019										
					Issue Actual		10/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01308											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1522	USC 36M FURNACE STEEL MATCH BOLTING PLANS FOR FIELD SPLICE AT EL 148-2 1/2 & EL 221-10	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	01/04/2019	09/10/2019										
					Issue Actual		01/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01222											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1523	USC 36M FURNACE STEEL END WALL TUBE SHEET ELEVATION	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1524	USC 36M FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1525	USC 36M FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1526	USC 36M FURNACE STEEL CONVECTION SECTION HEADER BOX ELEVATIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1527	USC 36M FURNACE STEEL CONVECTION SECTION HEADER BOX DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1528	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE A2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1529	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE B2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1530	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE C2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1531	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1532	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D0	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1533	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1534	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1535	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1536	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1537	USC 36M FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1538	USC 36M FURNACE STEEL CONVECTION SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1539	USC 36M FURNACE STEEL CROSSOVER LIMIT STOP DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1540	USC 36M FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1541	USC 36M FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1542	USC 36M FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1543	USC 36M FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1544	USC 36M FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1545	USC 36M FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1546	USC 36M FURNACE STEEL NAME PLATE	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1550	USC 36M FURNACE STEEL STACK AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1551	USC 36M FURNACE STEEL INSTRUMENT CONNECTION DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	30/01/2019	09/10/2019										
					Issue Actual		30/01/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-00767											
					Return Date		21/02/2019											
					Owner Cmmt*		R2											
	CV	OL1-2K32-1552	USC 36M FURNACE STEEL RADIANT COIL REMOVAL / ACCESS DOOR DETAILS	Class 3	Purpose**	IFR	IFI	IFD	IFF	IMP								
					Rev.		A			0								
					Issue Plan	18/09/2018		07/12/2018	31/01/2019									
					Revised Plan	01/04/2019	01/04/2019	01/04/2019	21/05/2019	21/05/2019								
					Issue Actual		01/04/2019			21/05/2019								
					Transmittal no.		TPSK-LSPA1-T-CV-01222			TPSK-LSPA1-T-CV-01709								
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1553	USC 36M FURNACE STEEL RADIANT TUBE REMOVAL DOOR PANEL	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	01/04/2019	16/04/2019										
					Issue Actual		01/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01222											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1555	USC 36M Recycle Furnace Steel Inspection Door Lance Door and Access Door Details	Class 2	Purpose**	IFI	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	09/04/2019	29/05/2019											
					Issue Actual	09/04/2019	29/05/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01293	TPSK-LSPA1-T-CV-01765											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1560	USC 36M FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1561	USC 36M FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1580	USC 36M FURNACE STEEL BREECHING PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1581	USC 36M FURNACE STEEL BREECHING SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1582	USC 36M FURNACE STEEL DUCT PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1583	USC 36M FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1584	USC 36M FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1585	USC 36M FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC											

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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1586	USC 36M FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1587	USC 36M FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1600	STEEL FOR STRUCTURE 10-STR-2C03	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1601	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. AA	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	06/05/2019	09/10/2019										
					Issue Actual		06/05/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01584											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1602	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. BB	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	06/05/2019	09/10/2019										
					Issue Actual		06/05/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01584											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1603	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. CC	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	06/05/2019	09/10/2019										
					Issue Actual		06/05/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01584											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1604	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL.DD	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1605	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. EE	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1606	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. FF	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1607	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. GG	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1608	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1609	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. II	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1610	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. JJ	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1611	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1612	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. KK	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1613	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. LL	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1614	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. MM	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1615	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. NN	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1616	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. OO	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1617	USC 36M FURNACE STEEL PLATFORM PLAN AT TOS EL. PP	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1618	USC 36M FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1619	USC 36M FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1620	USC 36M FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1621	USC 36M FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1622	USC 36M FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1623	USC 36M FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
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	CV	OL1-2K32-1631	USC 36M FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1632	USC 36M FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1640	STEEL FOR STRUCTURE 10-STR-2C05	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1641	USC 36M FURNACE STEEL ID FAN BOLTING PLAN	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1651	USC 36M FURNACE STEEL TEMPORARY ARCH SUPPORT STEEL	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1660	STEEL FOR STRUCTURE 10-SHT-2B01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1680	STEEL FOR STRUCTURE 10-SHT-1B01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1700	STEEL FOR STRUCTURE 10-STR-0P01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1701	USC 36M FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1702	USC 36M FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1703	USC 36M FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1704	USC 36M FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1705	USC 36M FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1706	USC 36M FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1707	USC 36M FURNACE STEEL STAIR TOWER STRINGER SETTING-OUT	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1708	USC 36M FURNACE STEEL TYPICAL STAIR HANDRAIL DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1720	STEEL FOR STRUCTURE 10-STR-2A01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1740	STEEL FOR STRUCTURE 10-STR-2A02	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1760	STEEL FOR STRUCTURE 10-STR-2A03	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1780	STEEL FOR STRUCTURE 10-STR-2D01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1800	STEEL FOR STRUCTURE 10-STR-2D02	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1820	STEEL FOR STRUCTURE 10-STR-2D03	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1840	STEEL FOR STRUCTURE 10-STR-2D04	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1860	STEEL FOR WASTE STORAGE BUILDING	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1880	STEEL FOR STORAGE SHELTER FOR CHEMICALS	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1900	STEEL FOR LUBRIFICATION OIL & GREASE STORAGE	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1901	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1902	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1903	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1904	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1905	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1906	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1907	USC 36M FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1908	USC 36M FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1909	USC 36M FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1910	USC 36M FURNACE STEEL TRAY SUPPORT SECTIONS AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1911	USC 36M FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1912	USC 36M FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1913	USC 36M FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-1914	USC 36M FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	CV	OL1-2K32-1920	STEEL FOR GAS CYLINDER STORAGE	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1940	STEEL FOR TOOL ROOM OPERATION	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1960	STEEL FOR STRUCTURE 10-STR-3A06	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-1980	STEEL FOR STRUCTURE 10-STR-3A03	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2000	STEEL FOR STRUCTURE 10-STR-3A05	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2020	STEEL FOR STRUCTURE 10-STR-3A04	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2040	STEEL FOR STRUCTURE 10-STR-3A02	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2060	STEEL FOR STRUCTURE 10-STR-3A01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2080	STEEL FOR STRUCTURE 10-SHT-3A01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2100	STEEL FOR STRUCTURE 10-SHT-2D01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2101	Steel Structure For Shelter 10-SHT-2D01 - Plans	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01814												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2102	Steel Structure For Shelter 10-SHT-2D01 - Plan & Details	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01814												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2103	Steel Structure For Shelter 10-SHT-2D01 - Plans	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01814												
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2104	Steel Structure For Shelter 10-SHT-2D01 - Elevations	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	06/06/2019													
					Issue Actual	06/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01814													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2105	Steel Structure For Shelter 10-SHT-2D01 - Elevations	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	06/06/2019													
					Issue Actual	06/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01814													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2120	STEEL FOR STRUCTURE 10-SHT-2D02	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2140	STEEL FOR STRUCTURE 10-STR-2C01	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2160	STEEL FOR STRUCTURE 10-STR-2C02	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2161	FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2162	FURNACE STEEL MOMENT CONNECTION DETAIL AND MISCELLANEOUS DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2163	FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2164	FURNACE STEEL STANDARD FLOOR - TOE PLATE DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2180	STEEL FOR STRUCTURE 10-STR-2C04	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	25/05/2020	24/07/2020	22/09/2020											
					Revised Plan	25/05/2020	24/07/2020	22/09/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2304	FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	20/03/2019		10/04/2019											
					Revised Plan	16/04/2019	11/04/2019	29/05/2019											
					Issue Actual		11/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01321												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2500	USC 132U & 36M FURNACE GENERAL NOTES & ABBREVIATIONS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	02/09/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2501	USC 132U & 36M FURNACE STEEL FOUNDATION PLAN & LOADING DIAGRAM	Class 3	Purpose**	IFR	IFI	IFD	IFF	IMP									
					Rev.		0			1									
					Issue Plan	07/05/2019		05/06/2019	05/06/2019										
					Revised Plan	23/05/2019	08/05/2019	05/06/2019	05/06/2019	29/05/2019									
					Issue Actual		08/05/2019			29/05/2019									
					Transmittal no.		TPSK-LSPA1-T-CV-01618			TPSK-LSPA1-T-CV-01765									
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2502	USC 132U & 36M FURNACE STEEL BASE PLATE DETAILS	Class 3	Purpose**	IFR	IFI	IFD	IFF	IMP	IMP								
					Rev.		A			0	1								
					Issue Plan	07/05/2019		05/06/2019	05/06/2019										
					Revised Plan	23/05/2019	01/04/2019	05/06/2019	05/06/2019	08/05/2019	29/05/2019								
					Issue Actual		01/04/2019			08/05/2019	29/05/2019								
					Transmittal no.		TPSK-LSPA1-T-CV-01222			TPSK-LSPA1-T-CV-01616	TPSK-LSPA1-T-CV-01765								

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment			Working Days
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2503	USC 132U & 36M FURNACE STEEL MISCELLANEOUS FOUNDATION PLAN & LOADING DIAGRAM	Class 3	Purpose**	IFR	IFD	IFF	
					Rev.				
					Issue Plan	07/05/2019	05/06/2019	05/06/2019	
					Revised Plan	23/05/2019	05/06/2019	05/06/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2504	USC 132U & 36M FURNACE STEEL MISCELLANEOUS FOUNDATION PLAN & LOADING DIAGRAM	Class 3	Purpose**	IFR	IFD	IFF	
					Rev.				
					Issue Plan	07/05/2019	05/06/2019	05/06/2019	
					Revised Plan	23/05/2019	05/06/2019	05/06/2019	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2511	USC 132U FURNACE STEEL RADIANT FLOOR & RADIANT ARCH PLANS	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2512	USC 132U FURNACE STEEL RADIANT SIDE WALL AT COL LINE A1 AND D1	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2513	USC 132U FURNACE STEEL RADIANT SIDE WALL AT COL LINE A1 AND D2	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2514	USC 132U FURNACE STEEL RADIANT END WALL AT COL LINE 1 AND 5	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2515	USC 132U FURNACE STEEL TRANSITION FLOOR PLAN & SECTIONS	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	02/09/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2516	USC 132U FURNACE STEEL SHADOW BOX DETAILS	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2517	USC 132U FURNACE STEEL RADIANT SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2518	USC 132U FURNACE STEEL RADIANT SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2519	USC 132U FURNACE STEEL RADIANT SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	01/04/2019	09/10/2019	
					Issue Actual		01/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01222		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2520	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COL LINE B1	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	09/04/2019	16/04/2019	
					Issue Actual		09/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01293		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2521	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COLUMN LINE C1	Class 3	Purpose**	IFR	IFI	IFC	
					Rev.		A		
					Issue Plan	02/09/2019		09/10/2019	
					Revised Plan	16/04/2019	09/04/2019	09/10/2019	
					Issue Actual		09/04/2019		
					Transmittal no.		TPSK-LSPA1-T-CV-01293		
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-2522	USC 132U FURNACE STEEL MATCH BOLTING PLANS FOR FIELD SPLICE AT EL 148-2 1/2 & EL 221-10	Class 3	Purpose**	IFR	IFI	IFC	

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	01/04/2019	09/10/2019										
					Issue Actual		01/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01222											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2523	USC 132U FURNACE STEEL END WALL TUBE SHEET ELEVATION	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2524	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2525	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	16/04/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2526	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX ELEVATIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2527	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	16/04/2019	09/04/2019	09/10/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01293											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2528	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE A2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2529	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE B2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2530	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE C2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2531	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2532	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D0	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2533	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2534	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2535	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2536	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2537	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2538	USC 132U FURNACE STEEL CONVECTION SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2539	USC 132U FURNACE STEEL CROSSOVER LIMIT STOP DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2540	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2541	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC									
					Rev.		A										
					Issue Plan	02/09/2019		09/10/2019									
					Revised Plan	02/09/2019	10/04/2019	09/10/2019									
					Issue Actual		10/04/2019										
					Transmittal no.		TPSK-LSPA1-T-CV-01308										
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2542	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2543	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2544	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2545	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2546	USC 132U FURNACE STEEL NAME PLATE	Class 3	Purpose**	IFR	IFI	IFC									
					Rev.		0										
					Issue Plan	02/09/2019		09/10/2019									
					Revised Plan	02/09/2019	04/12/2018	09/10/2019									
					Issue Actual		04/12/2018										
					Transmittal no.		TPSK-LSPA1-T-ME-00423										
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2550	USC 132U FURNACE STEEL STACK AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC									
					Rev.		A										
					Issue Plan	02/09/2019		09/10/2019									
					Revised Plan	16/04/2019	09/04/2019	09/10/2019									
					Issue Actual		09/04/2019										
					Transmittal no.		TPSK-LSPA1-T-CV-01293										
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-2551	USC 132U FURNACE STEEL INSTRUMENT CONNECTION DETAILS	Class 3	Purpose**	IFR	IFI	IFC									
					Rev.		A										
					Issue Plan	02/09/2019		09/10/2019									
					Revised Plan	02/09/2019	30/01/2019	09/10/2019									
					Issue Actual		30/01/2019										
					Transmittal no.		TPSK-LSPA1-T-ME-00767										
					Return Date		21/02/2019										

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Owner Cmmt*		R2												
	CV	OL1-2K32-2552	USC 132U FURNACE STEEL RADIANT COIL REMOVAL / ACCESS DOOR DETAILS	Class 3	Purpose**	IFR	IFI	IFD	IFF	IMP									
					Rev.		A			0									
					Issue Plan	18/09/2018		07/12/2018	31/01/2019										
					Revised Plan	01/04/2019	01/04/2019	16/04/2019	16/04/2019	21/05/2019									
					Issue Actual		01/04/2019			21/05/2019									
					Transmittal no.		TPSK-LSPA1-T-CV-01222			TPSK-LSPA1-T-CV-01709									
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2553	USC 132U FURNACE STEEL RADIANT TUBE REMOVAL DOOR PANEL	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	01/04/2019	09/10/2019											
					Issue Actual		01/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01222												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2555	USC 132U Cracking Furnace Steel Inspection Door Lance Door and Access Door Details	Class 2	Purpose**	IFI	IMP												
					Rev.	A	0												
					Issue Plan														
					Revised Plan	10/04/2019	29/05/2019												
					Issue Actual	10/04/2019	29/05/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01308	TPSK-LSPA1-T-CV-01765												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2560	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	02/09/2019	09/04/2019	09/10/2019											
					Issue Actual		09/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01293												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2561	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2580	USC 132U FURNACE STEEL BREECHING PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	09/04/2019	09/10/2019											
					Issue Actual		09/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01293												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2581	USC 132U FURNACE STEEL BREECHING SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	09/04/2019	09/10/2019											
					Issue Actual		09/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01293												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2582	USC 132U FURNACE STEEL DUCT PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	02/09/2019		09/10/2019											
					Revised Plan	16/04/2019	09/04/2019	09/10/2019											
					Issue Actual		09/04/2019												
					Transmittal no.		TPSK-LSPA1-T-CV-01293												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2583	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2584	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2585	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2586	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2587	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2601	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. AA	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		0												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	06/05/2019	09/10/2019										
					Issue Actual		06/05/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01584											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2602	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. BB	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	06/05/2019	09/10/2019										
					Issue Actual		06/05/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01584											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2603	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. CC	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	02/09/2019		09/10/2019										
					Revised Plan	02/09/2019	06/05/2019	09/10/2019										
					Issue Actual		06/05/2019											
					Transmittal no.		TPSK-LSPA1-T-CV-01584											
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2604	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL.DD	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2605	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. EE	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2606	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. FF	Class 3	Purpose**	IFR	IFC											
					Rev.													
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					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2607	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. GG	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2608	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2609	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. II	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2610	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. JJ	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2611	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2612	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. KK	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2613	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. LL	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2614	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. MM	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													

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LONG SON PETROCHEMICALS

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification																
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2615	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. NN	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
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					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2616	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. OO	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2617	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. PP	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2618	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2619	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2620	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2621	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2622	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2623	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2631	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2632	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2641	USC 132U FURNACE STEEL ID FAN BOLTING PLAN	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
	CV	OL1-2K32-2651	USC 132U FURNACE STEEL TEMPORARY ARCH SUPPORT STEEL	Class 3	Purpose**	IFR	IFC													
					Rev.															
					Issue Plan	02/09/2019	09/10/2019													
					Revised Plan	02/09/2019	09/10/2019													
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
	CV	OL1-2K32-2659	USC 132U & 36M FURNACE STEEL MOMENT CONNECTION DETAIL & MISCELLANEOUS DETAILS	Class 3	Purpose**	IFR	IFC									
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					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2660	USC 132U & 36M FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2661	USC 36M Recycle Furnace and 132U Cracking Furnaces Steel Platform and TOE Details	Class 2	Purpose**	IMP										
					Rev.	0										
					Issue Plan											
					Revised Plan	06/05/2019										
					Issue Actual	06/05/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01585										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2701	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2702	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2703	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2704	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC									
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					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2705	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC									
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					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2706	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC									
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					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2707	USC 132U FURNACE STEEL STAIR TOWER STRINGER SETTING-OUT	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2708	USC 132U FURNACE STEEL TYPICAL STAIR HANDRAIL DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2801	USC FURNACE STEEL ELEVATOR ACCESS PLATFORM	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2802	USC FURNACE STEEL ELEVATOR PLANS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-2803	USC FURNACE STEEL ELEVATOR PLANS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									

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					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2804	USC FURNACE STEEL ELEVATOR PLANS	Class 3	Purpose**	IFR	IFC												
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					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2805	USC FURNACE STEEL ELEVATOR PLANS	Class 3	Purpose**	IFR	IFC												
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					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2901	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2902	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2903	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2904	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2905	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2906	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2907	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2908	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2909	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2910	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND ELEVATIONS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-2911	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	02/09/2019	09/10/2019												
					Revised Plan	02/09/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2912	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2913	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-2914	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3000	STEEL FOR STRUCTURE 10-SHT-5T01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3020	STEEL FOR STRUCTURE 10-SHT-5T02	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3040	STEEL FOR STRUCTURE 10-SHT-5T03	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3060	STEEL FOR STRUCTURE 10-STR-5U01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3080	STEEL FOR STRUCTURE 10-STR-1B01	Class 2	Purpose**	IFC	IFC1	IFC2										
					Rev.													
					Issue Plan	25/05/2020	24/07/2020	22/09/2020										
					Revised Plan	25/05/2020	24/07/2020	22/09/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3515	USC 132U FURNACE STEEL TRANSITION FLOOR PLAN & SECTIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3520	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COL LINE B1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3521	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COLUMN LINE C1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3522	USC 132U FURNACE STEEL MATCH BOLTING PLANS FOR FIELD SPLICE AT EL 148-2 1/2 & EL 221-10	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3523	USC 132U FURNACE STEEL END WALL TUBE SHEET ELEVATION	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3524	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days		
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	16/04/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3525	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC			
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					Issue Plan	02/09/2019	09/10/2019			
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					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3526	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX ELEVATIONS	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	16/04/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3527	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX DETAILS	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	16/04/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3528	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE A2	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3529	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE B2	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3530	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE C2	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
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					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3531	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D2	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3532	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D0	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3533	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3534	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3535	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3536	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			
					Issue Actual					
					Transmittal no.					
					Return Date					
					Owner Cmmt*					
	CV	OL1-2K32-3537	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC			
					Rev.					
					Issue Plan	02/09/2019	09/10/2019			
					Revised Plan	02/09/2019	09/10/2019			

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3538	USC 132U FURNACE STEEL CONVECTION SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3539	USC 132U FURNACE STEEL CROSSOVER LIMIT STOP DETAILS	Class 3	Purpose**	IFR	IFC	
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3540	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3541	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3542	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3543	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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	CV	OL1-2K32-3544	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3545	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3546	USC 132U FURNACE STEEL NAME PLATE	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3550	USC 132U FURNACE STEEL STACK AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3551	USC 132U FURNACE STEEL INSTRUMENT CONNECTION DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3560	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3561	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Owner Cmmt*												
	CV	OL1-2K32-3580	USC 132U FURNACE STEEL BREECHING PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3581	USC 132U FURNACE STEEL BREECHING SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3582	USC 132U FURNACE STEEL DUCT PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3583	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3584	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3585	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3586	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3587	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3601	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. AA	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3602	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. BB	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3603	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. CC	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3604	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL.DD	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3605	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. EE	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3606	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. FF	Class 3	Purpose**	IFR	IFC										
					Rev.												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3607	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. GG	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3608	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3609	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. II	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3610	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. JJ	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3611	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3612	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. KK	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3613	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. LL	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3614	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. MM	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3615	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. NN	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3616	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. OO	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3617	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. PP	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3618	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3619	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3620	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3621	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3622	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3623	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3631	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3632	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3641	USC 132U FURNACE STEEL ID FAN BOLTING PLAN	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3651	USC 132U FURNACE STEEL TEMPORARY ARCH SUPPORT STEEL	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3701	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3702	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3703	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3704	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-3705	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment	Working Days
	CV	OL1-2K32-3706	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC	
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					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3707	USC 132U FURNACE STEEL STAIR TOWER STRINGER SETTING-OUT	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3708	USC 132U FURNACE STEEL TYPICAL STAIR HANDRAIL DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3901	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3902	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3903	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3904	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
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					Transmittal no.			
					Return Date			
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	CV	OL1-2K32-3905	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3906	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
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					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
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					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3907	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC	
					Rev.			
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					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3908	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3909	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3910	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-3911	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3912	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3913	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-3914	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4515	USC 132U FURNACE STEEL TRANSITION FLOOR PLAN & SECTIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4521	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COLUMN LINE C1	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4522	USC 132U FURNACE STEEL MATCH BOLTING PLANS FOR FIELD SPLICE AT EL 148-2 1/2 & EL 221-10	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4523	USC 132U FURNACE STEEL END WALL TUBE SHEET ELEVATION	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4524	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4525	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4526	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4527	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4528	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE A2	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4529	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE B2	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4530	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE C2	Class 3	Purpose**	IFR	IFC									
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					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4531	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D2	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4532	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D0	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4533	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4534	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4535	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4536	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4537	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4538	USC 132U FURNACE STEEL CONVECTION SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	16/04/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4539	USC 132U FURNACE STEEL CROSSOVER LIMIT STOP DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4540	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4541	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4542	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC									
					Rev.											
					Issue Plan	02/09/2019	09/10/2019									
					Revised Plan	02/09/2019	09/10/2019									
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K32-4543	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC									

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
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					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4544	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
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					Return Date												
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	CV	OL1-2K32-4545	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4546	USC 132U FURNACE STEEL NAME PLATE	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
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					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4550	USC 132U FURNACE STEEL STACK AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4551	USC 132U FURNACE STEEL INSTRUMENT CONNECTION DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4560	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4561	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4580	USC 132U FURNACE STEEL BREECHING PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4581	USC 132U FURNACE STEEL BREECHING SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
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					Owner Cmmt*												
	CV	OL1-2K32-4582	USC 132U FURNACE STEEL DUCT PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4583	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4584	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4585	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4586	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
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					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4587	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4601	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. AA	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4602	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. BB	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4603	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. CC	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4604	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL.DD	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4605	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. EE	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4606	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. FF	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4607	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. GG	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4608	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4609	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. II	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4610	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. JJ	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4611	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
					Owner Cmmt*			
	CV	OL1-2K32-4612	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. KK	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4613	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. LL	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4614	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. MM	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4615	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. NN	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4616	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. OO	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4617	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. PP	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4618	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4619	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4620	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4621	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4622	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4623	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4631	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-4632	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4641	USC 132U FURNACE STEEL ID FAN BOLTING PLAN	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4651	USC 132U FURNACE STEEL TEMPORARY ARCH SUPPORT STEEL	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4701	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4702	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4703	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4704	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4705	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4706	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4707	USC 132U FURNACE STEEL STAIR TOWER STRINGER SETTING-OUT	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4708	USC 132U FURNACE STEEL TYPICAL STAIR HANDRAIL DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4901	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4902	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-4903	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4904	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4905	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4906	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
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					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4907	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4908	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4909	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4910	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND ELEVATIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4911	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4912	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4913	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-4914	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5515	USC 132U FURNACE STEEL TRANSITION FLOOR PLAN & SECTIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5520	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COL LINE B1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
	CV	OL1-2K32-5521	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COLUMN LINE C1	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5522	USC 132U FURNACE STEEL MATCH BOLTING PLANS FOR FIELD SPLICE AT EL 148-2 1/2 & EL 221-10	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5523	USC 132U FURNACE STEEL END WALL TUBE SHEET ELEVATION	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5524	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5525	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5526	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5527	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5528	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE A2	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5529	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE B2	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5530	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE C2	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5531	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D2	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5532	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D0	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5533	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5534	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5535	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5536	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5537	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5538	USC 132U FURNACE STEEL CONVECTION SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5539	USC 132U FURNACE STEEL CROSSOVER LIMIT STOP DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5540	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5541	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5542	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5543	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5544	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5545	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5546	USC 132U FURNACE STEEL NAME PLATE	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5550	USC 132U FURNACE STEEL STACK AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5551	USC 132U FURNACE STEEL INSTRUMENT CONNECTION DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5560	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5561	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5580	USC 132U FURNACE STEEL BREECHING PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5581	USC 132U FURNACE STEEL BREECHING SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5582	USC 132U FURNACE STEEL DUCT PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5583	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5584	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5585	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
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	CV	OL1-2K32-5586	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5587	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5601	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. AA	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5602	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. BB	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5603	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. CC	Class 3	Purpose**	IFR	IFC											

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LSP-2W91-0001	10
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					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5604	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL.DD	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5605	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. EE	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5606	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. FF	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
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					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5607	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. GG	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5608	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5609	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. II	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5610	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. JJ	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5611	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
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					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5612	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. KK	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5613	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. LL	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5614	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. MM	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5615	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. NN	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5616	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. OO	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5617	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. PP	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5618	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5619	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5620	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5621	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5622	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5623	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5631	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5632	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5641	USC 132U FURNACE STEEL ID FAN BOLTING PLAN	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5651	USC 132U FURNACE STEEL TEMPORARY ARCH SUPPORT STEEL	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5701	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-5702	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
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	CV	OL1-2K32-5703	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5704	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5705	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5706	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
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					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5707	USC 132U FURNACE STEEL STAIR TOWER STRINGER SETTING-OUT	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5708	USC 132U FURNACE STEEL TYPICAL STAIR HANDRAIL DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5901	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5902	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5903	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5904	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5905	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5906	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5907	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-5908	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5909	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5910	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5911	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5912	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5913	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-5914	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6515	USC 132U FURNACE STEEL TRANSITION FLOOR PLAN & SECTIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6520	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COL LINE B1	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6521	USC 132U FURNACE STEEL VIEW OF CONVECTION SIDE WALL AT COLUMN LINE C1	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6522	USC 132U FURNACE STEEL MATCH BOLTING PLANS FOR FIELD SPLICE AT EL 148-2 1/2 & EL 221-10	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6523	USC 132U FURNACE STEEL END WALL TUBE SHEET ELEVATION	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6524	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6525	USC 132U FURNACE STEEL END WALL TUBE SHEET DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6526	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX ELEVATIONS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6527	USC 132U FURNACE STEEL CONVECTION SECTION HEADER BOX DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6528	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE A2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6529	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE B2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6530	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE C2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6531	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6532	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE D0	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6533	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6534	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6535	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6536	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6537	USC 132U FURNACE STEEL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6538	USC 132U FURNACE STEEL CONVECTION SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	16/04/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification				
	CV	OL1-2K32-6539	USC 132U FURNACE STEEL CROSSOVER LIMIT STOP DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6540	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6541	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6542	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6543	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6544	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6545	USC 132U FURNACE STEEL SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6546	USC 132U FURNACE STEEL NAME PLATE	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6550	USC 132U FURNACE STEEL STACK AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6551	USC 132U FURNACE STEEL INSTRUMENT CONNECTION DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6560	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6561	USC 132U FURNACE STEEL STANDARD SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	02/09/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6580	USC 132U FURNACE STEEL BREECHING PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	
					Revised Plan	16/04/2019	09/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	CV	OL1-2K32-6581	USC 132U FURNACE STEEL BREECHING SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	02/09/2019	09/10/2019	

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6582	USC 132U FURNACE STEEL DUCT PLAN AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	16/04/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6583	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 1	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6584	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 2	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6585	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 3	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6586	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 4	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6587	USC 132U FURNACE STEEL PARTIAL ELEVATION VIEW AT COLUMN LINE 5	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6601	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. AA	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6602	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. BB	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6603	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. CC	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6604	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL.DD	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6605	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. EE	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6606	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. FF	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6607	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. GG	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6608	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6609	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. II	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6610	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. JJ	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6611	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. HH	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6612	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. KK	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6613	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. LL	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6614	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. MM	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6615	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. NN	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6616	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. OO	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6617	USC 132U FURNACE STEEL PLATFORM PLAN AT TOS EL. PP	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6618	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6619	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
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					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6620	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	02/09/2019	09/10/2019											
					Revised Plan	02/09/2019	09/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CV	OL1-2K32-6621	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC											

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6622	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6623	USC 132U FURNACE STEEL PLATFORM SECTIONS & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6631	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6632	USC 132U FURNACE STEEL PIPE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6641	USC 132U FURNACE STEEL ID FAN BOLTING PLAN	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6651	USC 132U FURNACE STEEL TEMPORARY ARCH SUPPORT STEEL	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6701	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6702	USC 132U FURNACE STEEL STAIR TOWER ELEVATION VIEWS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6703	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6704	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6705	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6706	USC 132U FURNACE STEEL STAIR TOWER PLANS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6707	USC 132U FURNACE STEEL STAIR TOWER STRINGER SETTING-OUT	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6708	USC 132U FURNACE STEEL TYPICAL STAIR HANDRAIL DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6901	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6902	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6903	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6904	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6905	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6906	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6907	USC 132U FURNACE STEEL CABLE TRAY SUPPORTS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6908	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6909	USC 132U FURNACE STEEL TRAY SUPPORT ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6910	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND ELEVATIONS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6911	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K32-6912	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	02/09/2019	09/10/2019										
					Revised Plan	02/09/2019	09/10/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												

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LONG SON PETROCHEMICALS

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification					
					Owner Cmmt*				
	CV	OL1-2K32-6913	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	02/09/2019	09/10/2019		
					Revised Plan	02/09/2019	09/10/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-6914	USC 132U FURNACE STEEL TRAY SUPPORT SECTIONS AND DETAILS	Class 3	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	02/09/2019	09/10/2019		
					Revised Plan	02/09/2019	09/10/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7000	STEEL FOR PIPE RACK 10-PRK-0P01	Class 2	Purpose**	IFC	IFC1	IFC2	
					Rev.				
					Issue Plan	28/11/2019	01/02/2020	17/03/2020	
					Revised Plan	28/11/2019	01/02/2020	17/03/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7001	Steel For Pipe Rack 10-PRK-0P01- Plans	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7002	Steel For Pipe Rack 10-PRK-0P01 - Plans	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7003	Steel For Pipe Rack 10-PRK-0P01 - Plans	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7004	Steel For Pipe Rack 10-PRK-0P01 - Elevations	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7005	Steel For Pipe Rack 10-PRK-0P01 - Elevations	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7006	Steel For Pipe Rack 10-PRK-0P01 - Elevations	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7007	Steel For Pipe Rack 10-PRK-0P01 - Elevations - Stair	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7008	Steel For Pipe Rack 10-PRK-0P01 - Details	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	27/05/2019			
					Issue Actual	27/05/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-01748			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7100	STEEL FOR PIPE RACK 10-PRK-0P02	Class 2	Purpose**	IFC	IFC1	IFC2	
					Rev.				
					Issue Plan	28/11/2019	01/02/2020	17/03/2020	
					Revised Plan	28/11/2019	01/02/2020	17/03/2020	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7101	Steel For Piperack 10-PRK-0P02 - Plans-	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	11/07/2019			
					Issue Actual	11/07/2019			
					Transmittal no.	TPSK-LSPA1-T-CV-02117			
					Return Date				
					Owner Cmmt*				
	CV	OL1-2K32-7102	Steel For Piperack 10-PRK-0P02 (Plans)	Class 2	Purpose**	IFR			
					Rev.	A			

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7103	Steel For Piperack 10-PRK-0P02 - Plans -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7104	Steel For Piperack 10-PRK-0P02 - Plans And Section -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7105	Steel For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7106	Steel For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7107	Steel For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7108	Steel For Piperack 10-PRK-0P02 - Elevations -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7109	Steel For Piperack 10-PRK-0P02 - Details -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7200	STEEL FOR PIPE RACK 10-PRK-0P03	Class 2	Purpose**	IFC	IFC1	IFC2											
					Rev.														
					Issue Plan	28/11/2019	01/02/2020	17/03/2020											
					Revised Plan	28/11/2019	01/02/2020	17/03/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7380	Steel Structure For 10-T-2040	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	01/07/2019													
					Issue Actual	01/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02029													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7480	Steel Railing For Protection Of Basin 10-PIT-2190	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/07/2019													
					Issue Actual	11/07/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-02117													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K32-7520	Steel Structures for Concrete Basin 10-PIT-2392	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	24/06/2019													
					Issue Actual	24/06/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01959													
					Return Date														
					Owner Cmmt*														
Category Code: K33 Shop Detail Drawings																			
Category Code: K34 Foundation for equipment, basin, cooling tower, supports and miscellaneous																			
	CV	OL1-2K34-0007	FOUNDATION FOR 10-D-5200	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/02/2019													
					Issue Actual	15/02/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-00854													
					Return Date	12/04/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K34-0008	FOUNDATION FOR 10-E-5200	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														

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Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Revised Plan	07/03/2019										
					Issue Actual	07/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01004										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K34-0009	FOUNDATION FOR 10-E-5210	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/03/2019										
					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0015	FOUNDATION FOR 10-D-5150	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	15/02/2019										
					Issue Actual	15/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00854										
					Return Date	12/04/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0016	FOUNDATION FOR 10-D-2160	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/01/2019										
					Issue Actual	28/01/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00734										
					Return Date	27/03/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0020	FOUNDATION FOR 10-E-2136	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/03/2019										
					Issue Actual	07/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01004										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K34-0023	FOUNDATION FOR 10-E-2166	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/03/2019										
					Issue Actual	07/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01004										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K34-0024	FOUNDATION FOR 10-E-2146	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	15/02/2019										
					Issue Actual	15/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00854										
					Return Date	12/04/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0026	FOUNDATION FOR 10-E-2026	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	15/02/2019										
					Issue Actual	15/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00854										
					Return Date	12/04/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0027	FOUNDATION FOR 10-E-2048	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	06/02/2019										
					Issue Actual	06/02/2019										
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					Return Date	18/03/2019										
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	CV	OL1-2K34-0042	FOUNDATION FOR 10-T-2330	Class 2	Purpose**	IFR										
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					Issue Plan											
					Revised Plan	15/02/2019										
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					Transmittal no.	TPSK-LSPA1-T-CV-00854										
					Return Date	12/04/2019										
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	CV	OL1-2K34-0043	FOUNDATION FOR 10-D-2410A/B/C	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
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					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0044	FOUNDATION FOR 10-D-2435	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/03/2019										
					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0046	FOUNDATION FOR 10-D-2240	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/03/2019										
					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0047	FOUNDATION FOR 10-D-2245	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/03/2019										
					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0048	FOUNDATION FOR 10-D-2445	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/03/2019										
					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0049	FOUNDATION FOR 10-D-2455	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	11/02/2019										
					Issue Actual	11/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00833										
					Return Date	31/05/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0050	FOUNDATION FOR 10-D-2220	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/03/2019										
					Issue Actual	12/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01034										
					Return Date	05/06/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0055	FOUNDATION FOR 10-D-2310	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/02/2019										
					Issue Actual	08/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00826										
					Return Date	27/02/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0057	FOUNDATION FOR 10-D-2316	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	06/02/2019										
					Issue Actual	06/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00807										
					Return Date	18/03/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0059	FOUNDATION FOR 10-D-2330	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	06/02/2019										
					Issue Actual	06/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00807										
					Return Date	18/03/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0074	FOUNDATION FOR 10-D-2305	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/02/2019										
					Issue Actual	08/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00826										
					Return Date	27/02/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0076	FOUNDATION FOR 10-E-2630	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/03/2019										
					Issue Actual	07/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01004										
					Return Date											
					Owner Cmmt*											
	CV	OL1-2K34-0095	FOUNDATION FOR 10-T-2640	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/03/2019										
					Issue Actual	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01105										
					Return Date	12/04/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0099	FOUNDATION FOR 10-T-2520 AND 10-D-2520	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/01/2019										
					Issue Actual	28/01/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00728										
					Return Date	27/03/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0105	FOUNDATION FOR 10-D-2815	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/01/2019										
					Issue Actual	28/01/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00734										
					Return Date	27/03/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0108	FOUNDATION FOR 10-D-2645	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	06/02/2019										
					Issue Actual	06/02/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-00807										
					Return Date	18/03/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0109	FOUNDATION FOR 10-D-2555	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/03/2019										
					Issue Actual	20/03/2019										
					Transmittal no.	TPSK-LSPA1-T-CV-01104										
					Return Date	12/04/2019										
					Owner Cmmt*	R2										
	CV	OL1-2K34-0110	FOUNDATION FOR 10-D-2550	Class 2	Purpose**	IFR										

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Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation				

Item	Org.	Document No.	Document Name	Classification																
					Rev.	A														
					Issue Plan															
					Revised Plan	20/03/2019														
					Issue Actual	20/03/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-01104														
					Return Date	12/04/2019														
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	CV	OL1-2K34-0112	FOUNDATION FOR 10-D-2575	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/02/2019														
					Issue Actual	15/02/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-00854														
					Return Date	12/04/2019														
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	CV	OL1-2K34-0114	FOUNDATION FOR 10-D-2870	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	28/01/2019														
					Issue Actual	28/01/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-00728														
					Return Date	27/03/2019														
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	CV	OL1-2K34-0115	FOUNDATION FOR 10-D-2860	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	28/01/2019														
					Issue Actual	28/01/2019														
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					Return Date	27/03/2019														
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					Rev.	A														
					Issue Plan															
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					Return Date	12/04/2019														
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	CV	OL1-2K34-0122	FOUNDATION FOR 10-E-2576	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
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					Rev.	A														
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					Issue Actual	13/03/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-01042														
					Return Date	04/06/2019														
					Owner Cmmt*	R2														
	CV	OL1-2K34-0124	FOUNDATION FOR 10-E-2502	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	28/01/2019														
					Issue Actual	28/01/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-00728														
					Return Date	27/03/2019														
					Owner Cmmt*	R2														
	CV	OL1-2K34-0125	FOUNDATION FOR 10-E-2515	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	07/03/2019														
					Issue Actual	07/03/2019														
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	CV	OL1-2K34-0126	FOUNDATION FOR 10-E-2546	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/02/2019														
					Issue Actual	15/02/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-00854														
					Return Date	12/04/2019														
					Owner Cmmt*	R2														
	CV	OL1-2K34-0127	FOUNDATION FOR 10-E-2548	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
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					Issue Actual	15/02/2019														
					Transmittal no.	TPSK-LSPA1-T-CV-00854														
					Return Date	12/04/2019														
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					Issue Plan															
					Revised Plan	30/01/2019														
					Issue Actual	30/01/2019														
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					Return Date	27/02/2019														
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	CV	OL1-2K34-0130	FOUNDATION FOR 10-E-2807	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
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					Issue Actual	15/02/2019														
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	CV	OL1-2K34-0131	FOUNDATION FOR 10-E-2809	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/02/2019														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Actual	15/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00854											
					Return Date	12/04/2019											
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	CV	OL1-2K34-0132	FOUNDATION FOR 10-E-2857	Class 2	Purpose**	IFR											
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					Issue Plan												
					Revised Plan	06/02/2019											
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					Return Date	18/03/2019											
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	CV	OL1-2K34-0133	FOUNDATION FOR 10-E-2858	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	15/02/2019											
					Issue Actual	15/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00854											
					Return Date	12/04/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K34-0134	FOUNDATION FOR 10-E-2856	Class 2	Purpose**	IFR											
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					Issue Plan												
					Revised Plan	15/02/2019											
					Issue Actual	15/02/2019											
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					Return Date	12/04/2019											
					Owner Cmmt*	R2											
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					Rev.	A											
					Issue Plan												
					Revised Plan	20/03/2019											
					Issue Actual	20/03/2019											
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					Return Date	12/04/2019											
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	CV	OL1-2K34-0136	FOUNDATION FOR 10-E-2853	Class 2	Purpose**	IFR											
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					Issue Plan												
					Revised Plan	15/02/2019											
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					Return Date	05/06/2019											
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	CV	OL1-2K34-0137	FOUNDATION FOR 10-E-2852	Class 2	Purpose**	IFR											
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					Issue Plan												
					Revised Plan	12/03/2019											
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01034											
					Return Date	05/06/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K34-0139	FOUNDATION FOR 10-E-2582	Class 2	Purpose**	IFR	IFR										
					Rev.	A	B										
					Issue Plan												
					Revised Plan	15/02/2019	21/02/2019										
					Issue Actual	15/02/2019	21/02/2019										
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					Return Date	12/04/2019	12/04/2019										
					Owner Cmmt*	R2	R2										
	CV	OL1-2K34-0140	FOUNDATION FOR 10-E-2504	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	30/01/2019											
					Issue Actual	30/01/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00763											
					Return Date	27/02/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K34-0146	FOUNDATION FOR 10-E-2620	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	12/03/2019											
					Issue Actual	12/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01034											
					Return Date	05/06/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K34-0155	FOUNDATION FOR 10-D-2610	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/02/2019											
					Issue Actual	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00833											
					Return Date	31/05/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K34-0156	FOUNDATION FOR 10-D-2600A/B	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/02/2019											
					Issue Actual	11/02/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00833											
					Return Date	31/05/2019											
					Owner Cmmt*	R2											
	CV	OL1-2K34-0161	FOUNDATION FOR 10-E-2636	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/03/2019											
					Issue Actual	07/03/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01004											
					Return Date												
					Owner Cmmt*												
	CV	OL1-2K34-0167	FOUNDATION FOR 10-E-1020	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	01/04/2019											
					Issue Actual	01/04/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01208											
					Return Date	07/06/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days
					Owner Cmmt*	A2								
	CV	OL1-2K34-0168	FOUNDATION FOR 10-E-1015	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	12/03/2019								
					Issue Actual	12/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01034								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K34-0169	FOUNDATION FOR 10-E-1001A/B	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	12/03/2019								
					Issue Actual	12/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01034								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K34-0191	FOUNDATION FOR 10-E-2008A/B/C	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	15/02/2019								
					Issue Actual	15/02/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-00854								
					Return Date	12/04/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K34-0202	FOUNDATION FOR 10-E-1050	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	01/04/2019								
					Issue Actual	01/04/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01208								
					Return Date	07/06/2019								
					Owner Cmmt*	A2								
	CV	OL1-2K34-0306	FOUNDATION FOR 10-D-5140	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	28/01/2019								
					Issue Actual	28/01/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-00728								
					Return Date	27/03/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K34-1001	Foundation for 10-T-2000		Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	20/03/2019								
					Issue Actual	20/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01104								
					Return Date	12/04/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K34-1020	FOUNDATION FOR 10-T-2020	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	20/03/2019								
					Issue Actual	20/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01104								
					Return Date	12/04/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K34-1040	FOUNDATION FOR 10-T-2100	Class 2	Purpose**	IFR	IFR							
					Rev.	A	B							
					Issue Plan									
					Revised Plan	21/02/2019	20/03/2019							
					Issue Actual	21/02/2019	20/03/2019							
					Transmittal no.	TPSK-LSPA1-T-CV-00903	TPSK-LSPA1-T-CV-01104							
					Return Date	12/04/2019	12/04/2019							
					Owner Cmmt*	R2	R2							
Category Code: K36 Major UG networks (Nuovo codice richiesto dal Cliente K26/K27)				Class 2	Purpose**									
	CV	OL1-2K36-0001	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	25/03/2019								
					Issue Actual	25/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01138								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K36-0002	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	25/03/2019								
					Issue Actual	25/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01138								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K36-0003	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	25/03/2019								
					Issue Actual	25/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01138								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K36-0004	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	25/03/2019								
					Issue Actual	25/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01138								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K36-0005	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR								
					Rev.	A								
					Issue Plan									
					Revised Plan	25/03/2019								
					Issue Actual	25/03/2019								
					Transmittal no.	TPSK-LSPA1-T-CV-01138								
					Return Date	05/06/2019								
					Owner Cmmt*	R2								
	CV	OL1-2K36-0006	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR								

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0007	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0008	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0009	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0010	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0011	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0012	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	25/03/2019													
					Issue Actual	25/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01138													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0013	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	03/04/2019													
					Issue Actual	03/04/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01240													
					Return Date	05/06/2019													
					Owner Cmmt*	R2													
	CV	OL1-2K36-0014	Major Underground Networks Zone 0C - Common Area		Purpose**	IFR													
					Rev.	A													
					Issue Plan	18/06/2019													
					Revised Plan	16/04/2019													
					Issue Actual	27/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01172													
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K36-1000	MAJOR UNDERGROUND PIPING LAYOUT	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/03/2019													
					Issue Actual	15/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01073													
					Return Date	12/04/2019													
					Owner Cmmt*	A2													
Category Code: K40 Topographic survey report																			
Category Code: K41 Hydrological survey report																			
Category Code: K42 Bathymetric survey report																			
Category Code: K43 Soil investigation & resisitivity report																			
	CV	OL1-2K43-0002	TECHNICAL SPECIFICATION FOR GEOTECHNICAL INVESTIGATION		Purpose**	IFR	IFR	IMP											
					Rev.	A	B												
					Issue Plan	08/10/2018		17/12/2019											
					Revised Plan	15/10/2018		17/12/2019											
					Issue Actual	10/10/2018	17/10/2018												
					Transmittal no.	TPSK-LSPA1-T-CV-00147	TPSK-LSPA1-T-CV-00188												
					Return Date	24/12/2018	01/11/2018												
					Owner Cmmt*	R1	R1												
	CV	OL1-2K43-0003	Price List For Geotechnical Investigation	Class 2	Purpose**	IFR	IFR												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	10/10/2018	17/10/2018												
					Issue Actual	10/10/2018	17/10/2018												
					Transmittal no.	TPSK-LSPA1-T-CV-00147	TPSK-LSPA1-T-CV-00188												
					Return Date	24/12/2018	01/11/2018												
					Owner Cmmt*	R1	R1												
	CV	OL1-2K43-0004	SOIL INVESTIGATION LAYOUT	Class 2	Purpose**	IFR	IFR	IMP											
					Rev.	A	B												
					Issue Plan	08/10/2018		17/12/2019											
					Revised Plan	12/10/2018		17/12/2019											
					Issue Actual	10/10/2018	12/10/2018												
					Transmittal no.	TPSK-LSPA1-T-CV-00145	TPSK-LSPA1-T-CV-00163												
					Return Date	24/12/2018	24/12/2018												
					Owner Cmmt*	R1	R1												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
	CV	OL1-2K43-0005	Olefin Plant - Additional Ground Investigation - Phase 1 Platform at 4-5m HDD- Price List	Class 2	Purpose**	IFI	IFI												
					Rev.	B	C												
					Issue Plan														
					Revised Plan	11/06/2019	24/06/2019												
					Issue Actual	11/06/2019	24/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01861	TPSK-LSPA1-T-CV-01963												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K43-0006	Olefins Plant - Additional Ground Investigation Phase 1 - Platform At +4-5m HDD- Layout Of Site Investigat	Class 2	Purpose**	IFR	IFR	IFI											
					Rev.	A	B	C											
					Issue Plan														
					Revised Plan	30/05/2019	11/06/2019	24/06/2019											
					Issue Actual	30/05/2019	11/06/2019	24/06/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01768	TPSK-LSPA1-T-CV-01853	TPSK-LSPA1-T-CV-01957											
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K43-0007	Olefin Plant - Additional Ground Investigation - Phase 2 Platform at 6-7m HDD- Price List	Class 2	Purpose**	IFI	IFI												
					Rev.	B	C												
					Issue Plan														
					Revised Plan	11/06/2019	24/06/2019												
					Issue Actual	11/06/2019	24/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01861	TPSK-LSPA1-T-CV-01963												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K43-0008	Olefins Plant - Additional Ground Investigation Phase 2 -Platform At +6-7m HDD- Layout Of Site Investigat	Class 2	Purpose**	IFR	IFI												
					Rev.	A	C												
					Issue Plan														
					Revised Plan	30/05/2019	24/06/2019												
					Issue Actual	30/05/2019	24/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01768	TPSK-LSPA1-T-CV-01957												
					Return Date														
					Owner Cmmt*														
	CV	OL1-2K43-0010	Flare Area - Additional Ground Investigation Layout Of Site Investigations	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	30/05/2019													
					Issue Actual	30/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01768													
					Return Date														
					Owner Cmmt*														
Category Code: K50 Concrete Test Results																			
Category Code: K71 Appraisal Report for Consultancy Service																			
Category Code: K72 Appraisal Report for EPC Contractor Work																			
Category Code: K73 Appraisal Report for Vendor/Supplier																			
Category Code: K90 Vendor Document/drawings																			
Category Code: K91 Index/List																			
Category Code: K92 Procedures & Standards																			
	CV	OL1-2K92-0001	GENERAL NOTES FOR UNDERGROUND WORKS	Class 2	Purpose**	IFR	IFC												
					Rev.	A	0												
					Issue Plan	24/09/2018	10/02/2019												
					Revised Plan	25/09/2018	01/02/2019												
					Issue Actual	25/09/2018	01/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00086	TPSK-LSPA1-T-CV-00784												
					Return Date	02/11/2018	25/02/2019												
					Owner Cmmt*	R1	R1												
	CV	OL1-2K92-0002	GENERAL NOTES FOR PRECAST CONCRETE WORKS	Class 2	Purpose**	IFR	IFC												
					Rev.	A	0												
					Issue Plan	05/10/2018	30/01/2019												
					Revised Plan	08/10/2018	18/06/2019												
					Issue Actual	08/10/2018	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00137	TPSK-LSPA1-T-CV-02119												
					Return Date	24/12/2018													
					Owner Cmmt*	R1													
	CV	OL1-2K92-0003	GENERAL NOTES FOR CONCRETE WORKS	Class 2	Purpose**	IFR	IFC												
					Rev.	A	0												
					Issue Plan	24/09/2018	15/01/2019												
					Revised Plan	25/09/2018	19/02/2019												
					Issue Actual	25/09/2018	19/02/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00086	TPSK-LSPA1-T-CV-00886												
					Return Date	02/11/2018	27/03/2019												
					Owner Cmmt*	R1	A2												
	CV	OL1-2K92-0004	GENERAL NOTES FOR STEEL STRUCTURE	Class 2	Purpose**	IFR	IFC	IFC											
					Rev.	A	0	2											
					Issue Plan	24/09/2018	15/01/2019												
					Revised Plan	25/09/2018	16/02/2019												
					Issue Actual	25/09/2018	15/02/2019	03/07/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00086	TPSK-LSPA1-T-CV-00867	TPSK-LSPA1-T-CV-02054											
					Return Date	02/11/2018	27/03/2019												
					Owner Cmmt*	R1	A2												
	CV	OL1-2K92-0005	GENERAL NOTES FOR PILES	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	28/02/2019	01/04/2019												
					Revised Plan	19/03/2019	07/06/2019												
					Issue Actual	19/03/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01093													
					Return Date	12/04/2019													
					Owner Cmmt*	A1													
Category Code: K93 Policy , Guidelines & Memo																			
Category Code: K94 Forms & Templates																			
Category Code: K95 Progress/Status Reports																			
Category Code: K97 Technical Specification/Price list for Architectural Works (Nuovo codice richiesto dal Cliente R02)																			
	CV	OL1-2K97-0001	JOB CONST.SPEC.FOR BUILDINGS	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	21/03/2019													
					Issue Actual	21/03/2019													
					Transmittal no.	117-TPSK-LSPA1-T-CV-01117													
					Return Date														
					Owner Cmmt*														
Category Code: L01 Passive & Active Fire Protection Philosophy																			
	SE	OL1-2L01-0001	FIREFIGHTING SYSTEM SPECIFICATION	Class 2	Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan	16/01/2019	13/02/2019												
					Revised Plan	01/02/2019	20/05/2019												
					Issue Actual	01/02/2019	05/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-00782	TPSK-LSPA1-T-SE-02079												
					Return Date	18/03/2019													

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	10
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*	R2													
	SE	OL1-2L01-0002	PASSIVE FIRE PROTECTION SPECIFICATION	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	18/01/2019	15/02/2019												
					Revised Plan	30/01/2019	16/05/2019												
					Issue Actual	29/01/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-00749													
					Return Date	04/04/2019													
					Owner Cmmt*	R2													
	SE	OL1-2L01-0003	Clean Agent Fire Extinguishing System	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	16/01/2019	13/02/2019												
					Revised Plan	23/04/2019	20/05/2019												
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01441													
					Return Date														
					Owner Cmmt*														
Category Code: L02 Active Fire Protection System																			
Category Code: L03 Firefighting equipment data sheet				Class 2	Purpose**														
	SE	OL1-2L03-0001	Datasheet for Firefighting Equipment	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	08/03/2019													
					Revised Plan	24/05/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01840													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L03-1001	Datasheet for Deluge System	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	08/03/2019													
					Revised Plan	31/05/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01746													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L03-2001	Datasheet for Sprinkler System	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	08/03/2019													
					Revised Plan	31/05/2019													
					Issue Actual	03/06/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01746													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L03-3001	Datasheet for Clean Agent Fire Extinguishing System	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	08/03/2019													
					Revised Plan	31/05/2019													
					Issue Actual	17/06/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01899													
					Return Date	08/07/2019													
					Owner Cmmt*	R2													
	SE	OL1-2L03-5001	Datasheet for Safety & Life Saving Equipment	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan	08/03/2019													
					Revised Plan	15/05/2019													
					Issue Actual	21/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01703													
					Return Date	10/06/2019													
					Owner Cmmt*	R2													
Category Code: L08 Noise General Specification																			
Category Code: L09 Noise Map																			
Category Code: L10 Acoustic Calculation Note																			
	SE	OL1-2L10-0001	PLANT/EQUIPMENT NOISE CONTROL SPECIFICATION	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	04/02/2019	28/02/2019												
					Revised Plan	11/12/2018	20/05/2019												
					Issue Actual	11/12/2018													
					Transmittal no.	TPSK-LSPA1-T-SE-00472													
					Return Date	07/06/2019													
					Owner Cmmt*	R2													
	SE	OL1-2L10-0003	ACUSTIC INSULATION SPECIFICATION	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	04/02/2019	28/02/2019												
					Revised Plan	24/04/2019	20/05/2019												
					Issue Actual	24/04/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01461													
					Return Date														
					Owner Cmmt*														
Category Code: L11 Noise Rep																			
	SE	OL1-2L11-0001	NOISE STUDY (NOISE MAP)	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	31/05/2019	20/09/2019												
					Revised Plan	31/05/2019	20/09/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: L20 Fire system calculation																			
	SE	OL1-2L20-0001	FIRE WATER DEMAND CALCULATION AND HYDRAULIC STUDY FOR FW NETWORK	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	17/09/2019	06/03/2020												
					Revised Plan	18/03/2019	06/03/2020												
					Issue Actual	07/03/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01006													
					Return Date	09/04/2019													
					Owner Cmmt*	A3													
Category Code: L40 Active Fire Fighting Systems				Class 2	Purpose**														
	SE	OL1-2L40-0001	FIRE PROTECTION & FIREFIGHTING LAYOUT DRAWING - SUBSTATION & FAR E	Class 2	Purpose**	IFR													
					Rev.														
					Issue Plan	18/03/2019													
					Revised Plan	18/03/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-1000	OVERALL FIRE WATER NETWORK DRAWING	Class 2	Purpose**	IFR	IMP												
					Rev.	A													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan	08/02/2019	08/05/2019												
					Revised Plan	29/03/2019	22/05/2019												
					Issue Actual	29/03/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01198													
					Return Date	14/05/2019													
					Owner Cmmt*	R2													
	SE	OL1-2L40-5701	P&ID - FIRE WATER NETWORK (1/6)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5702	P&ID - FIRE WATER NETWORK (2/6)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5703	P&ID - FIRE WATER NETWORK (3/6)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5704	P&ID - FIRE WATER NETWORK (4/6)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5705	P&ID - FIRE WATER NETWORK (5/6)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5706	P&ID - FIRE WATER NETWORK (6/6)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5707	P&ID - DRY RISER SYSTEM	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5708	P&ID - TYPICAL INSTALLATION OF FIRE PROTECTION EQUIPMENT	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.	B													
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual	09/05/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01622													
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5709	P&ID - AUTOMATIC PNEUMATIC & ELECTRIC OPERATED DELUGE SYSTEM	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5710	P&ID - AUTOMATIC ELECTRIC OPERATED DELUGE SYSTEM	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5711	P&ID - MANUAL ELECTRIC OPERATED DELUGE SYSTEM	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5712	P&ID - PRE-ACTION DOUBLE INTERLOCK SPRINKLER SYSTEM	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5713	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 0S	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days		
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5714	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2A	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5715	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2B	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5716	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2C (1/2)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5717	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2C (2/2)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5718	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2D (1/3)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5719	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2D (2/3)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5720	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2D (3/3)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5721	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 2E	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5722	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 3A (1/2)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5723	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 3A (2/2)	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5724	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 3S	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5725	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 5F	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5726	P&ID - FIRE WATER SPRAY SYSTEM - ZONE 5U	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	SE	OL1-2L40-5727	P&ID - FIRE WATER CURTAIN SYSTEM - ZONE 1B	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5728	P&ID - SPRINKLER SYSTEM - SUBSTATION E CABLE CELLAR	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5729	P&ID - SPRINKLER SYSTEM - SUBSTATION C CABLE CELLAR	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L40-5730	P&ID - SPRINKLER SYSTEM - SUBSTATION F CABLE CELLAR	Class 2	Purpose**	IFR	IDD	IFC1	IFC2	IFC3									
					Rev.														
					Issue Plan	09/05/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Revised Plan	30/04/2019	30/09/2019	06/04/2020	29/05/2020	08/06/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: L41 Passive Fire Protection Drawings																			
Category Code: L42 Hazardous Area Classification				Class 2	Purpose**														
	SE	OL1-2L42-0001	Hazardous Area Classification - Overall	Class 2	Purpose**	IFR	IFA												
					Rev.		A												
					Issue Plan	20/03/2019													
					Revised Plan	18/03/2019	11/03/2019												
					Issue Actual		11/03/2019												
					Transmittal no.		TPSK-LSPA1-T-SE-01015												
					Return Date		25/03/2019												
					Owner Cmmt*		A3												
	SE	OL1-2L42-0002	HAZARDOUS AREA CLASSIFICATION DRAWING, OLEFINS UNIT	Class 1	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0003	HAZARDOUS AREA CLASSIFICATION DRAWING	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0004	Hazardous Area Classification - Zone 0S - Electrical Substation and Far E	Class 2	Purpose**	IFA													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/03/2019													
					Issue Actual	11/03/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01015													
					Return Date	25/03/2019													
					Owner Cmmt*	A3													
	SE	OL1-2L42-0005	HAZARDOUS AREA CLASSIFICATION DRAWING - COOLING WATER UNIT	Class 2	Purpose**	IFA													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/03/2019													
					Issue Actual	11/03/2019													
					Transmittal no.	TPSK-LSPA1-T-SE-01015													
					Return Date	25/03/2019													
					Owner Cmmt*	A3													
	SE	OL1-2L42-0006	HAZARDOUS AREA CLASSIFICATION DRAWING - WASTE WATER TREATMENT UNIT	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0007	HAZARDOUS AREA CLASSIFICATION DRAWING - UTILITIES	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0008	HAZARDOUS AREA CLASSIFICATION DRAWING - FLARE UNIT	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0009	HAZARDOUS AREA CLASSIFICATION DRAWING - METERING STATION	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0010	HAZARDOUS AREA CLASSIFICATION DRAWING - FURNACES	Class 2	Purpose**	IDD	IFF												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO. LSP-2W91-0001

REV. 10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0011	HAZARDOUS AREA CLASSIFICATION DRAWING - FURNACES AND AUXILIARIES	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0012	HAZARDOUS AREA CLASSIFICATION DRAWING - QUENCH	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0013	HAZARDOUS AREA CLASSIFICATION DRAWING - C3 HYDROGENATION	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0014	HAZARDOUS AREA CLASSIFICATION DRAWING - PROCESS COLD COMPRESSORS	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0015	HAZARDOUS AREA CLASSIFICATION DRAWING - CRACKED GAS COMPRESSOR / DE-PROPANIZER / C2 HYDRO	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0016	HAZARDOUS AREA CLASSIFICATION DRAWING - BUTADIENE EXTRACT UNIT	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0017	HAZARDOUS AREA CLASSIFICATION DRAWING - HOT FRACTIONATION / GHU UNIT	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0018	HAZARDOUS AREA CLASSIFICATION DRAWING	Class 2	Purpose**	IDD	IFF												
					Rev.														
					Issue Plan	17/10/2019	01/05/2020												
					Revised Plan	17/10/2019	01/05/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L42-0020	Hazardous Area Classification - Details	Class 2	Purpose**	IFR	IFA												
					Rev.		A												
					Issue Plan	20/03/2019													
					Revised Plan	18/03/2019	11/03/2019												
					Issue Actual		11/03/2019												
					Transmittal no.		TPSK-LSPA1-T-SE-01015												
					Return Date		25/03/2019												
					Owner Cmmt*		A3												
Category Code: L43 Risk Matrix																			
Category Code: L44 Life saving Equip & Escape Route Drawing																			
Category Code: L60 All project study and Report pertain to Loss control and Safety Process safety report; HAZOP Report; LOPA Report;				Class 2	Purpose**														
	SE	OL1-2L60-0001	HAZARD & OPERABILITY STUDY (FEED) REPORT	Class 3	Purpose**	IMP													
					Rev.														
					Issue Plan	21/06/2019													
					Revised Plan	21/06/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L60-0051	MSDS for Chemicals and Catalysts	Class 2	Purpose**	IFR	IFI												
					Rev.		0												
					Issue Plan	03/01/2019													
					Revised Plan	18/02/2019	23/01/2019												
					Issue Actual		23/01/2019												
					Transmittal no.		TPSK-LSPA1-T-SE-00707												
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L60-1001	HAZARD & OPERABILITY STUDY (DETAIL DESIGN) REPORT	Class 3	Purpose**	IMP													
					Rev.														
					Issue Plan	04/11/2019													
					Revised Plan	04/11/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L60-2001	HAZARD & OPERABILITY STUDY (DETAIL DESIGN) REPORT	Class 3	Purpose**	IMP													

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Rev.														
					Issue Plan	04/11/2019													
					Revised Plan	04/11/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L60-3001	SIL CLASSIFICATION REPORT	Class 2	Purpose**	IMP													
					Rev.														
					Issue Plan	10/03/2020													
					Revised Plan	10/03/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L60-4001	SIL CLASSIFICATION REPORT	Class 2	Purpose**	IMP													
					Rev.														
					Issue Plan	10/03/2020													
					Revised Plan	10/03/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: L62 Recommendation Monitoring System																			
	SE	OL1-2L62-0001	HAZARD & OPERABILITY STUDY (FEED) CLOSEOUT REPORT	Class 2	Purpose**	IFI													
					Rev.														
					Issue Plan	10/09/2019													
					Revised Plan	10/09/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L62-1001	HAZARD & OPERABILITY STUDY (DETAIL DESIGN) CLOSEOUT REPORT	Class 2	Purpose**	IFI													
					Rev.														
					Issue Plan	10/04/2020													
					Revised Plan	10/04/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	SE	OL1-2L62-2001	HAZARD & OPERABILITY STUDY (DETAIL DESIGN) CLOSEOUT REPORT	Class 2	Purpose**	IFI													
					Rev.														
					Issue Plan	10/04/2020													
					Revised Plan	10/04/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: L63 Record of Survey																			
Category Code: L64 Report of audit																			
Category Code: L65 Hazardous Source Data																			
Category Code: L66 Register of Safety Devices				Class 2	Purpose**														
	SE	OL1-2L66-0001	BILL OF MATERIAL FOR FIREFIGHTING AND SAFETY EQUIPMENT	Class 2	Purpose**	IFQ	IFP												
					Rev.														
					Issue Plan	05/07/2019	09/10/2019												
					Revised Plan	05/07/2019	09/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: L67 Equipment Failure Information																			
Category Code: L70 Emergency Procedures Manual																			
Category Code: L71 Test Procedures																			
Category Code: L72 Loss Control and Safety procedure																			
Category Code: L81 Appraisal Report for Consultancy Service																			
Category Code: L82 Appraisal Report for EPC Contractor Work																			
Category Code: L83 Appraisal Report for Vendor/Supplier																			
Category Code: L90 Vendor Document/drawings																			
Category Code: L91 Index/List																			
Category Code: L92 Procedures & Standards																			
Category Code: L93 Policy , Guidelines & Memo																			
Category Code: L94 Forms & Templates																			
Category Code: L95 Progress/Status Reports																			
Category Code: M03 Mechanical datasheet																			
	ME	0L1-2M03-2610	Mechanical Equipment Datasheet - C3 Hydrog Arsine Guard Bed	Class 2	Purpose**	IFR													
					Rev.														
					Issue Plan	08/04/2019													
					Revised Plan	10/12/2018													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-1000	MECHANICAL EQUIPMENT DATA SHEET - 10-D-1000 - LPG FEED DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	23/04/2019										
					Issue Actual			13/12/2018	23/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01448										
					Return Date			22/01/2019	18/06/2019										
					Owner Cmmt*			R1	R2										
	ME	OL1-2M03-1001	MECHANICAL DATASHEET FOR API 560 INDUCED DRAFT FAN (36M FURNACE)	Class 2	Purpose**	IFR	IFQ	IFP	IMP										
					Rev.	A			0										
					Issue Plan	31/10/2018	05/11/2018	03/01/2019											
					Revised Plan	31/10/2018	16/01/2019	11/03/2019	11/03/2019										
					Issue Actual	31/10/2018			11/03/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00247			TPSK-LSPA1-T-ME-01021										
					Return Date				29/03/2019										
					Owner Cmmt*				R1										
	ME	OL1-2M03-1002	MECHANICAL EQUIPMENT DATA SHEET - 10-E-1000 - LPG VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	16/05/2019										
					Issue Actual			22/01/2019	16/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00684	TPSK-LSPA1-T-ME-01685										
					Return Date			11/02/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-1003	MECHANICAL EQUIPMENT DATA SHEET - 10-E-1001 - LPG STEAM VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										

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LONG SON PETROCHEMICALS

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IFP = Issue For Planning						/ Execution													
IFD = Issue For Design						CAN = Issue for Cancellation													

Owner: Long Son Pterochemicals C0., Ltd. Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment		Working Days		
					Rev.			A	B											
					Issue Plan	15/04/2019	20/05/2019													
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	27/02/2019											
					Issue Actual			03/01/2019	27/02/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00573	TPSK-LSPA1-T-ME-00946											
					Return Date			24/01/2019	25/03/2019											
					Owner Cmmt*			R2	TP											
	ME	OL1-2M03-1005	MECHANICAL EQUIPMENT DATA SHEET - 10-E-1005 - LPG FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ											
					Rev.			A	B											
					Issue Plan	15/04/2019	20/05/2019													
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	02/04/2019											
					Issue Actual			03/01/2019	02/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00573	TPSK-LSPA1-T-ME-01230											
					Return Date			24/01/2019	09/05/2019											
					Owner Cmmt*			R2	R2											
	ME	OL1-2M03-1006	Mechanical Equipment Data Sheet - 10-E-1006 - LPG Feed Steam Heater	Class 2	Purpose**	IFQ	IFQ													
					Rev.	A	B													
					Issue Plan															
					Revised Plan	19/03/2019	15/04/2019													
					Issue Actual	19/03/2019	15/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01095	TPSK-LSPA1-T-ME-01362													
					Return Date	11/04/2019														
					Owner Cmmt*	R2														
	ME	OL1-2M03-1015	MECHANICAL EQUIPMENT DATA SHEET - 10-E-1015 - LPG SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ											
					Rev.			A	B											
					Issue Plan	15/04/2019	20/05/2019													
					Revised Plan	16/01/2019	16/01/2019	27/12/2018	01/03/2019											
					Issue Actual			27/12/2018	01/03/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00571	TPSK-LSPA1-T-ME-00971											
					Return Date			22/01/2019	29/03/2019											
					Owner Cmmt*			R2	TP											
	ME	OL1-2M03-1020	MECHANICAL EQUIPMENT DATA SHEET - 10-E-1020 - LIQUID FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ											
					Rev.			A	B											
					Issue Plan	15/04/2019	20/05/2019													
					Revised Plan	17/01/2019	17/01/2019	17/01/2019	02/04/2019											
					Issue Actual			17/01/2019	02/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00671	TPSK-LSPA1-T-ME-01230											
					Return Date			11/02/2019	09/05/2019											
					Owner Cmmt*			R1	R2											
	ME	OL1-2M03-1051	MECHANICAL EQUIPMENT DATA SHEET - 10-E-1050 - C2 FEED SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ											
					Rev.			A	B											
					Issue Plan	15/04/2019	20/05/2019													
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	01/03/2019											
					Issue Actual			03/01/2019	01/03/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00573	TPSK-LSPA1-T-ME-00961											
					Return Date			24/01/2019	29/03/2019											
					Owner Cmmt*			R2	TP											
	ME	OL1-2M03-1105	API Fired Heater Datasheet 10-H-1100	Class 2	Purpose**	IFR	IMP													
					Rev.	A	0													
					Issue Plan															
					Revised Plan	15/03/2019	25/04/2019													
					Issue Actual	15/03/2019	25/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01084	TPSK-LSPA1-T-ME-01486													
					Return Date		29/05/2019													
					Owner Cmmt*		R2													
	ME	OL1-2M03-1113	Mechanical Equipment Datasheet for Vent Silencer 10-SP-11013 - PSV-1144 Outlet	Class 2	Purpose**	IFQ														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/07/2019														
					Issue Actual	15/07/2019														
					Transmittal no.	TPSK-LSPA1-T-ME-02129														
					Return Date															
					Owner Cmmt*															
	ME	OL1-2M03-1114	Mechanical Equipment Datasheet for Vent Silencer 10-SP-11014 - Start-up	Class 2	Purpose**	IFQ														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/07/2019														
					Issue Actual	15/07/2019														
					Transmittal no.	TPSK-LSPA1-T-ME-02129														
					Return Date															
					Owner Cmmt*															
	ME	OL1-2M03-1205	API Fired Heater Datasheet 10-H-1200_1600	Class 2	Purpose**	IFR	IMP													
					Rev.	A	0													
					Issue Plan															
					Revised Plan	15/03/2019	25/04/2019													
					Issue Actual	15/03/2019	25/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01084	TPSK-LSPA1-T-ME-01486													
					Return Date		29/05/2019													
					Owner Cmmt*		R2													
	ME	OL1-2M03-1213	Mechanical Equipment Datasheet for Vent Silencer 10-SP-12013/16013 - PSV-1244 Outlet	Class 2	Purpose**	IFQ														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/07/2019														
					Issue Actual	15/07/2019														
					Transmittal no.	TPSK-LSPA1-T-ME-02129														
					Return Date															
					Owner Cmmt*															
	ME	OL1-2M03-1214	Mechanical Equipment Datasheet for Vent Silencer 10-SP-12014/16014 - Start-up	Class 2	Purpose**	IFQ														
					Rev.	A														
					Issue Plan															
					Revised Plan	15/07/2019														
					Issue Actual	15/07/2019														
					Transmittal no.	TPSK-LSPA1-T-ME-02129														
					Return Date															
					Owner Cmmt*															
	ME	OL1-2M03-1911	Mechanical Equipment Data Sheet - DMDS Bulk Storage Drum	Class 2	Purpose**	IFR	IFD	IFQ	IFQ											
					Rev.			A	B											
					Issue Plan	08/04/2019	13/05/2019													
					Revised Plan	18/02/2019	18/02/2019	28/01/2019	12/04/2019											
					Issue Actual			28/01/2019	12/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00743	TPSK-LSPA1-T-ME-01347											
					Return Date			21/02/2019	20/05/2019											
					Owner Cmmt*			R2	R2											
	ME	OL1-2M03-1912	Mechanical Equipment Data Sheet - DMDS Injection Drum	Class 2	Purpose**	IFR	IFD	IFQ	IFQ											
					Rev.			A	B											
					Issue Plan	08/04/2019	13/05/2019													
					Revised Plan	18/02/2019	18/02/2019	28/01/2019	12/04/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Actual			28/01/2019	12/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00744	TPSK-LSPA1-T-ME-01347									
					Return Date			21/02/2019	20/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-1913	Mechanical Equipment Datasheet - DMDS Feed Injection Pump	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	27/12/2018	17/01/2019											
					Revised Plan	18/02/2019	18/02/2019	01/02/2019	15/03/2019									
					Issue Actual			01/02/2019	15/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00787	TPSK-LSPA1-T-ME-01086									
					Return Date			21/02/2019	02/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-1914	Mechanical Equipment Datasheet - DMDS Presulfiding Injection Pump	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	27/12/2018	17/01/2019											
					Revised Plan	18/02/2019	18/02/2019	01/02/2019	15/03/2019									
					Issue Actual			01/02/2019	15/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00787	TPSK-LSPA1-T-ME-01086									
					Return Date			21/02/2019	02/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-1950	MECHANICAL EQUIPMENT DATA SHEET - 10-PK-1950 - DECOKE AIR COMPRESSOR PACKAGE	Class 1	Purpose**	IFR	IFA	IFD	IFQ	IFQ								
					Rev.		A		B	C								
					Issue Plan	13/09/2018		11/10/2018										
					Revised Plan	13/09/2018	13/09/2018	11/10/2018	11/10/2018	01/11/2018								
					Issue Actual		13/09/2018		11/10/2018	01/11/2018								
					Transmittal no.		TPSK-LSPA1-T-ME-00050		TPSK-LSPA1-T-ME-00161	TPSK-LSPA1-T-ME-00261								
					Return Date		02/10/2018			29/11/2018								
					Owner Cmmt*		A3			R1								
	ME	OL1-2M03-2000	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2000 - QUENCH OIL TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	16/01/2019	04/12/2018	06/02/2019									
					Issue Actual			04/12/2018	06/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00420	TPSK-LSPA1-T-ME-00801									
					Return Date			27/12/2018	25/02/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2001	MECHANICAL DATASHEET FOR API 560 INDUCED DRAFT FAN (132SU FURNACE)	Class 2	Purpose**	IFR	IFQ	IFP	IMP									
					Rev.	A			0									
					Issue Plan	31/10/2018	05/11/2018	03/01/2019										
					Revised Plan	31/10/2018	16/01/2019	18/03/2019	11/03/2019									
					Issue Actual	31/10/2018			11/03/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00247			TPSK-LSPA1-T-ME-01021									
					Return Date				29/03/2019									
					Owner Cmmt*				R1									
	ME	OL1-2M03-2002	ELEVATOR DATA SHEET	Class 2	Purpose**	IFR	IFQ	IFP	IMP									
					Rev.	A			0									
					Issue Plan	19/12/2018	19/12/2018	19/02/2019										
					Revised Plan	18/01/2019	18/01/2019	24/05/2019	07/06/2019									
					Issue Actual	18/01/2019			07/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00681			TPSK-LSPA1-T-ME-01832									
					Return Date	08/02/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M03-2006	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2006 - QUENCH OIL PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	20/10/2018	26/10/2018	26/10/2018	11/12/2018	27/03/2019								
					Issue Actual			26/10/2018	11/12/2018	27/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00235	TPSK-LSPA1-T-ME-00476	TPSK-LSPA1-T-ME-01173								
					Return Date			19/11/2018	16/01/2019	22/04/2019								
					Owner Cmmt*			R2	R1	R1								
	ME	OL1-2M03-2010	Mechanical Equipment Data sheet - Quench Oil Filter	Class 2	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	25/02/2019	18/03/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019										
					Issue Actual			11/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00639										
					Return Date			30/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2014	Mechanical Equipment Datasheet - QO Pump Purge Oil Filter	Class 2	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	25/02/2019	18/03/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019										
					Issue Actual			11/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00639										
					Return Date			30/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2015	Mechanical Equipment Data Sheet - 10-E-2008 - LS2 Steam Generators	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	14/01/2019	29/03/2019									
					Issue Actual			14/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00643	TPSK-LSPA1-T-ME-01205									
					Return Date			04/02/2019	02/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2020	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2020 - LIGHT FUEL OIL STRIPPER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	14/12/2018	16/01/2019	10/12/2018	06/02/2019									
					Issue Actual			10/12/2018	06/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00447	TPSK-LSPA1-T-ME-00801									
					Return Date			27/01/2019	25/02/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2024	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2026 - LIGHT FUEL OIL PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	01/02/2019	10/12/2018	01/02/2019									
					Issue Actual			10/12/2018	01/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00457	TPSK-LSPA1-T-ME-00786									
					Return Date			27/12/2018	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2025	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2026 - CRACKER BOTTOMS PRODUCT FILTER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	25/02/2019	18/03/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	25/03/2019									
					Issue Actual			11/01/2019	25/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01141									
					Return Date			30/01/2019	11/04/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2026	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2026 - FUEL OIL PRODUCT COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	10/04/2019										
					Issue Actual			22/01/2019	10/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00683	TPSK-LSPA1-T-ME-01307										
					Return Date			11/02/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-2028	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2028 - FO PUMP PURGE OIL FILTER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	25/02/2019	18/03/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	25/03/2019										
					Issue Actual			11/01/2019	25/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01141										
					Return Date			30/01/2019	11/04/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2040	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2040 - HEAVY FUEL OIL STRIPPER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/11/2018	18/12/2018	28/11/2018	05/12/2018	06/02/2019									
					Issue Actual			28/11/2018	05/12/2018	06/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00387	TPSK-LSPA1-T-ME-00418	TPSK-LSPA1-T-ME-00815									
					Return Date			17/12/2018	27/12/2018	21/02/2019									
					Owner Cmmt*			R2	R2	R1									
	ME	OL1-2M03-2046	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2046 - HEAVY FUEL OIL PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	01/02/2019	10/12/2018	01/02/2019	26/04/2019									
					Issue Actual			10/12/2018	01/02/2019	26/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00457	TPSK-LSPA1-T-ME-00786	TPSK-LSPA1-T-ME-01493									
					Return Date			27/12/2018	21/02/2019	18/06/2019									
					Owner Cmmt*			R2	R1	R2									
	ME	OL1-2M03-2048	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2048 - HEAVY FUEL OIL PRODUCT COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	11/04/2019										
					Issue Actual			22/01/2019	11/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00683	TPSK-LSPA1-T-ME-01324										
					Return Date			11/02/2019	20/05/2019										
					Owner Cmmt*			R1	TP										
	ME	OL1-2M03-2049	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2048 - HEAVY FUEL OIL FILTERS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	25/02/2019	18/03/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	26/03/2019										
					Issue Actual			11/01/2019	26/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01157										
					Return Date			30/01/2019	11/04/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2070	Mechanical Data Sheet For General Purpose Steam Turbines PT-2006 A Quench Oil Pump Turbne	Class 2	Purpose**	IMP													
					Rev.	0													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-02130													
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-2090	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2090 - QUENCH OIL DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	21/01/2019	08/02/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	02/04/2019										
					Issue Actual			11/01/2019	02/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00638	TPSK-LSPA1-T-ME -1226										
					Return Date			31/01/2019	16/05/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2091	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2090 - QUENCH OIL DRAIN DRUM PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	13/12/2018	02/04/2019	15/04/2019									
					Issue Actual			13/12/2018	02/04/2019	15/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00494	TPSK-LSPA1-T-ME-01227	TPSK-LSPA1-T-ME-01363									
					Return Date			14/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2100	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2100 - QUENCH WATER TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/11/2018	16/01/2019	07/12/2018	06/02/2019										
					Issue Actual			07/12/2018	06/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00443	TPSK-LSPA1-T-ME -00803										
					Return Date			27/12/2018	25/02/2019										
					Owner Cmmt*			R1	R2										
	ME	OL1-2M03-2101	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2100 - QUENCH WATER COOLER	Class 1	Purpose**	IFR	IFA	IFD	IFQ										
					Rev.		A		B										
					Issue Plan	20/10/2018		20/10/2018											
					Revised Plan	20/10/2018	17/09/2018	20/10/2018	10/10/2018										
					Issue Actual		17/09/2018		10/10/2018										
					Transmittal no.		TPSK-LSPA1-T-ME-00058		TPSK-LSPA1-T-ME-00154										
					Return Date		28/09/2018		07/11/2018										
					Owner Cmmt*		A3		R1										
	ME	OL1-2M03-2104	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2105 - QUENCH OIL REFLUX FILTER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	25/02/2019	18/03/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	25/03/2019										
					Issue Actual			11/01/2019	25/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01141										
					Return Date			30/01/2019	11/04/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2105	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2105 - QUENCH OIL REFLUX PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	10/12/2018	08/04/2019										
					Issue Actual			10/12/2018	08/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00457	TPSK-LSPA1-T-ME-01279										
					Return Date			27/12/2018	16/05/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2106	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2106 - QUENCH WATER PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

ABBREVIATION			
**Revision Purpose of Issued Document		*Owner Feedback (Comment)	***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	20/10/2018	26/10/2018	27/10/2018	11/12/2018	27/03/2019								
					Issue Actual			27/10/2018	11/12/2018	27/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00236	TPSK-LSPA1-T-ME-00476	TPSK-LSPA1-T-ME-01173								
					Return Date			19/11/2018	16/01/2019	22/04/2019								
					Owner Cmmt*			R2	R1	R1								
	ME	OL1-2M03-2110	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2110 - INTERCEPTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	10/06/2019									
					Issue Actual			22/01/2019	10/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01850									
					Return Date			15/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2120	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2120 - DISTILLTATE STRIPPER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	14/12/2018	16/01/2019	20/12/2018	12/02/2019									
					Issue Actual			20/12/2018	12/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00546	TPSK-LSPA1-T-ME-00840									
					Return Date			22/01/2019	28/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2125	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2125 - DISTILLATE STRIPPER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	10/04/2019									
					Issue Actual			07/01/2019	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00584	TPSK-LSPA1-T-ME-01302									
					Return Date			24/01/2019	05/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2126	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2126 - DISTILLATE STRIPPER BOTTOMS PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	05/12/2018	20/03/2019	22/04/2019								
					Issue Actual			05/12/2018	20/03/2019	22/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00410	TPSK-LSPA1-T-ME-01102	TPSK-LSPA1-T-ME-01426								
					Return Date			27/12/2018	10/04/2019	18/06/2019								
					Owner Cmmt*			R2	R1	R2								
	ME	OL1-2M03-2137	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2136 - PROCESS WATER STRIPPER FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	04/04/2019									
					Issue Actual			03/01/2019	04/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00573	TPSK-LSPA1-T-ME -01251									
					Return Date			24/01/2019	05/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2138	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2136 - PROCESS WATER FEED FILTER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	25/02/2019	18/03/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	25/03/2019									
					Issue Actual			11/01/2019	25/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01141									
					Return Date			30/01/2019	11/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2139	Mechanical Equipment Datasheet - Process Water Coalescer Prefilters	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	10/05/2019	15/05/2019											
					Issue Actual	10/05/2019	15/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-01641	TPSK-LSPA1-T-ME-01669											
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M03-2140	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2140 - PROCESS WATER STRIPPER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	14/12/2018	16/01/2019	10/12/2018	06/02/2019									
					Issue Actual			10/12/2018	06/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00458	TPSK-LSPA1-T-ME-00801									
					Return Date			27/12/2018	25/02/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2145	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2145 - PROCESS WATER STRIPPER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	16/04/2019									
					Issue Actual			22/01/2019	16/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00684	TPSK-LSPA1-T-ME-01357									
					Return Date			11/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2146	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2146 - DSG FEED PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	20/10/2018	26/10/2018	26/10/2018	11/12/2018									
					Issue Actual			26/10/2018	11/12/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00235	TPSK-LSPA1-T-ME-00476									
					Return Date			19/11/2018	16/01/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2147	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2146 - DSG FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	14/01/2019	10/04/2019									
					Issue Actual			14/01/2019	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00650	TPSK-LSPA1-T-ME-01302									
					Return Date			31/01/2019	05/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2160	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2160 - DILUTION STEAM GENERATOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	21/01/2019	08/02/2019											
					Revised Plan	16/01/2019	16/01/2019	13/12/2018	28/05/2019									
					Issue Actual			13/12/2018	28/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01760									
					Return Date			22/01/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2161	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2160 - DILUTION STEAM SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	02/04/2019									
					Issue Actual			11/01/2019	02/04/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Transmittal no.			TPSK-LSPA1-T-ME-00641	TPSK-LSPA1-T-ME-01230									
					Return Date			04/02/2019	09/05/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2165	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2165 - DSG REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	29/03/2019									
					Issue Actual			03/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00582	TPSK-LSPA1-T-ME-01205									
					Return Date			24/01/2019	02/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2166	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2166 - DSG BLOWDOWN COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	03/04/2019									
					Issue Actual			22/01/2019	03/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00684	TPSK-LSPA1-T-ME-01248									
					Return Date			11/02/2019	20/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2170	Mechanical Data Sheet For General Purpose Steam Turbines PT-2106 A Quench Water Pump Turbne	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02130												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-2171	Mechanical Equipment Data Sheet For DSG Feed Pump Turbine	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02130												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-2190	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2190 - QUENCH WATER DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	02/04/2019									
					Issue Actual			11/01/2019	02/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00638	TPSK-LSPA1-T-ME -1226									
					Return Date			31/01/2019	16/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2191	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2190 - QUENCH WATER DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	29/11/2018										
					Issue Actual			29/11/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00400										
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2200	MECHANICAL EQUIPMENT DATA SHEET - 10-C-2200 - CRACKED GAS COMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD	IFQ	IFQ								
					Rev.		A		B	C								
					Issue Plan	13/09/2018		04/10/2018										
					Revised Plan	06/09/2018	10/09/2018	03/10/2018	03/10/2018	06/11/2018								
					Issue Actual		10/09/2018		03/10/2018	06/11/2018								
					Transmittal no.		TPSK-LSPA1-T-ME-00038		TPSK-LSPA1-T-ME-00127	TPSK-LSPA1-T-ME-00280								
					Return Date		28/09/2018			30/11/2018								
					Owner Cmmt*		A3			R1								
	ME	OL1-2M03-2206	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2206 - WASH WATER COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	20/03/2019									
					Issue Actual			07/01/2019	20/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00584	TPSK-LSPA1-T-ME-01110									
					Return Date			24/01/2019	11/04/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2210	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2210 - CG 1ST STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	22/01/2019	22/01/2019	23/04/2019									
					Issue Actual			22/01/2019	23/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01448									
					Return Date			15/02/2019	18/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2211	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2210 - CG 1ST STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	20/03/2019									
					Issue Actual			22/01/2019	20/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00683	TPSK-LSPA1-T-ME-01110									
					Return Date			11/02/2019	11/04/2019									
					Owner Cmmt*			R1	TP									
	ME	OL1-2M03-2212	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2210 - CG 1ST STAGE CONDENSATE PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	05/12/2018										
					Issue Actual			05/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00413										
					Return Date			27/12/2018										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2220	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2220 - CG 2ND STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	28/03/2019									
					Issue Actual			13/12/2018	28/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01186									
					Return Date			22/01/2019	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2221	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2220 - CG 2ND STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	20/03/2019									
					Issue Actual			07/01/2019	20/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00588	TPSK-LSPA1-T-ME-01110									
					Return Date			30/01/2019	11/04/2019									
					Owner Cmmt*			R2	TP									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	ME	OL1-2M03-2222	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2220 - CG 2ND STAGE CONDENSED HC PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	20/11/2018										
					Issue Actual			20/11/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00343										
					Return Date			11/02/2019										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2230	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2230 - CG 3RD STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	28/03/2019									
					Issue Actual			13/12/2018	28/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01186									
					Return Date			22/01/2019	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2231	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2230 - CG 3RD STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	20/03/2019									
					Issue Actual			07/01/2019	20/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00588	TPSK-LSPA1-T-ME-01110									
					Return Date			30/01/2019	11/04/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2240	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2240 - CG 4TH STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	28/03/2019									
					Issue Actual			13/12/2018	28/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01186									
					Return Date			22/01/2019	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2241	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2240 - CG 4TH STAGE AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/01/2019	29/03/2019									
					Issue Actual			10/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00617	TPSK-LSPA1-T-ME-01205									
					Return Date			29/01/2019	02/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2245	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2245 - CG 4TH STAGE DISCHARGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019	12/04/2019									
					Issue Actual			16/01/2019	12/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00657	TPSK-LSPA1-T-ME-01347									
					Return Date			11/02/2019	20/05/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2300	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2300 - CAUSTIC TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	31/10/2018	05/12/2018	19/02/2019								
					Issue Actual			31/10/2018	05/12/2018	19/02/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00246	TPSK-LSPA1-T-ME-00419	TPSK-LSPA1-T-ME -00883								
					Return Date			27/11/2018	27/12/2018	12/03/2019								
					Owner Cmmt*			R2	R2	R2								
	ME	OL1-2M03-2302	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2302 - STRONG CAUSTIC CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	15/11/2018										
					Issue Actual			15/11/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00320										
					Return Date			10/12/2018										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2304	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2304 - INTERMEDIATE CAUSTIC CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	15/11/2018	05/12/2018									
					Issue Actual			15/11/2018	05/12/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00320	TPSK-LSPA1-T-ME-00411									
					Return Date			10/12/2018	27/12/2018									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2305	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2305 - CAUSTIC TOWER FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/01/2019	26/04/2019									
					Issue Actual			10/01/2019	26/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00617	TPSK-LSPA1-T-ME-01503									
					Return Date			29/01/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2306	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2306 - WEAK CAUSTIC CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	15/11/2018	05/12/2018									
					Issue Actual			15/11/2018	05/12/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00320	TPSK-LSPA1-T-ME-00411									
					Return Date			10/12/2018	27/12/2018									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2307	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2306 - WEAK CAUSTIC STRAINER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	25/02/2019	18/03/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	25/03/2019									
					Issue Actual			11/01/2019	25/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01141									
					Return Date			30/01/2019	11/04/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2309	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2305 - YELLOW OIL DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	13/12/2018	06/05/2019									
					Issue Actual			13/12/2018	06/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00484	TPSK-LSPA1-T-ME-01571									
					Return Date			22/01/2019	29/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2310	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2310 - SPENT CAUSTIC DEOILING DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Revised Plan	16/01/2019	16/01/2019	17/12/2018	23/04/2019										
					Issue Actual			17/12/2018	23/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00513	TPSK-LSPA1-T-ME-01448										
					Return Date			22/01/2019	18/06/2019										
					Owner Cmmt*			R1	R2										
	ME	OL1-2M03-2311	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2310 - WASH OIL CIRCULATING PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	15/11/2018											
					Issue Actual			15/11/2018											
					Transmittal no.			TPSK-LSPA1-T-ME-00320											
					Return Date			10/12/2018											
					Owner Cmmt*			TP											
	ME	OL1-2M03-2314	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2310 - WASH OIL CIRCULATION FILTER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	25/02/2019	18/03/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019											
					Issue Actual			11/01/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00639											
					Return Date			30/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2316	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2316 - SPENT CAUSTIC DEGASSING DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	30/05/2019										
					Issue Actual			07/01/2019	30/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00601	TPSK-LSPA1-T-ME-01783										
					Return Date			30/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2319	MECHANICAL EQUIPMENT DATA SHEET - 10-F-2320 - SPENT CAUSTIC PUMP DISCHARGE FILTER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	25/02/2019	18/03/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019											
					Issue Actual			11/01/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00639											
					Return Date			30/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2320	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-2320 - SPENT CAUSTIC STORAGE TANK	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	18/02/2019	26/02/2019												
					Revised Plan	28/01/2019	28/01/2019	28/01/2019											
					Issue Actual			28/01/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00745											
					Return Date			21/02/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2321	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2320 - SPENT CAUSTIC PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	19/11/2018											
					Issue Actual			19/11/2018											
					Transmittal no.			TPSK-LSPA1-T-ME-00335											
					Return Date			13/12/2018											
					Owner Cmmt*			TP											
	ME	OL1-2M03-2322	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2322 - SKIM OIL DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	13/12/2018	30/05/2019										
					Issue Actual			13/12/2018	30/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01783										
					Return Date			22/01/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-2324	Mechanical Equipment Data Sheet - Fresh Caustic Day Tank	Class 2	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	18/02/2019	26/02/2019												
					Revised Plan	18/02/2019	18/02/2019	28/01/2019											
					Issue Actual			28/01/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00745											
					Return Date			21/02/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2325	Mechanical Equipment Datasheet - 10 percent Caustic Makeup Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	18/02/2019	18/02/2019	03/01/2019	07/02/2019										
					Issue Actual			03/01/2019	07/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00580	TPSK-LSPA1-T-ME-00822										
					Return Date			24/01/2019	21/02/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2326	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2326 - SPENT CAUSTIC STRIPPER FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	29/01/2019	29/01/2019												
					Revised Plan	28/01/2019	28/01/2019	28/01/2019	24/05/2019										
					Issue Actual			28/01/2019	24/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00740	TPSK-LSPA1-T-ME-01743										
					Return Date			28/02/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2327	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2326 - SPENT CAUSTIC STRIPPER FEED HTR COND POT	Class 1	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	30/04/2019													
					Issue Actual	30/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01524													
					Return Date	03/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-2330	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2330 - SPENT CAUSTIC STRIPPER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	14/12/2018	16/01/2019	10/12/2018	15/02/2019										
					Issue Actual			10/12/2018	15/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00462	TPSK-LSPA1-T-ME-00857										
					Return Date			27/12/2018	12/03/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2331	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2330 - SPENT CAUSTIC STRIPPER OVERHEAD DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	01/05/2019										
					Issue Actual			11/01/2019	01/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00638	TPSK-LSPA1-T-ME-01536										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Return Date			31/01/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2350	Mechanical Equipment Datasheet for Wet Air Oxidation Package	Class 2	Purpose**	IFQ	IFP	IFP										
					Rev.	A	0	1										
					Issue Plan													
					Revised Plan	29/11/2018	08/05/2019	20/06/2019										
					Issue Actual	29/11/2018	08/05/2019	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00390	TPSK-LSPA1-T-PL-01611	TPSK-LSPA1-T-ME-01944										
					Return Date	07/02/2019	29/05/2019											
					Owner Cmmt*	R1	R2											
	ME	OL1-2M03-2390	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2390 - CAUSTIC DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	17/12/2018	28/03/2019	30/05/2019								
					Issue Actual			17/12/2018	28/03/2019	30/05/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00514	TPSK-LSPA1-T-ME-01186	TPSK-LSPA1-T-ME-01783								
					Return Date			22/01/2019	02/05/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2391	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2390 - CAUSTIC DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/02/2019	16/02/2019	17/12/2018	07/02/2019									
					Issue Actual			17/12/2018	07/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00511	TPSK-LSPA1-T-ME-00822									
					Return Date			14/01/2019	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2392	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2392 - SPENT CAUSTIC DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	03/04/2019	30/05/2019								
					Issue Actual			22/01/2019	03/04/2019	30/05/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01244	TPSK-LSPA1-T-ME-01783								
					Return Date			15/02/2019	20/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2393	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2392 - SPENT CAUSTIC DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	10/12/2018										
					Issue Actual			10/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00457										
					Return Date			27/12/2018										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2405	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2405 - GAS DRYER FEED KO DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	30/04/2019									
					Issue Actual			11/01/2019	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00629	TPSK-LSPA1-T-ME-01533									
					Return Date			31/01/2019	18/06/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2406	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2405 - GAS DRYER FEED CHILLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	29/03/2019									
					Issue Actual			07/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00584	TPSK-LSPA1-T-ME-01205									
					Return Date			24/01/2019	02/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2410	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2410 - CRACKED GAS DRYER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	10/12/2018	22/01/2019	22/01/2019	01/03/2019	11/03/2019	12/04/2019							
					Issue Actual			22/01/2019	01/03/2019	11/03/2019	12/04/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00700	TPSK-LSPA1-T-ME-00972	TPSK-LSPA1-T-ME-01016	TPSK-LSPA1-T-ME-01347							
					Return Date			01/04/2019	29/03/2019	02/04/2019	20/05/2019							
					Owner Cmmt*			R2	R2	R2	R2							
	ME	OL1-2M03-2411	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2411 - CRACKED GAS MERCURY ADSORBER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	28/02/2019	16/04/2019								
					Issue Actual			11/01/2019	28/02/2019	16/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00631	TPSK-LSPA1-T-ME-00954	TPSK-LSPA1-T-ME-01378								
					Return Date			21/02/2019	25/03/2019	04/06/2019								
					Owner Cmmt*			R2	R2	R2								
	ME	OL1-2M03-2412	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2412 - HP DEPROPANIZER FEED CHILLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/01/2019	27/03/2019									
					Issue Actual			10/01/2019	27/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00617	TPSK-LSPA1-T-ME-01179									
					Return Date			29/01/2019	02/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2413	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2413 - HP DEPROP FEED / OVERHEAD EXCHANGER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.	A		B										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	27/03/2019										
					Issue Actual	10/01/2019		27/03/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00617		TPSK-LSPA1-T-ME-01179										
					Return Date	11/02/2019		02/05/2019										
					Owner Cmmt*	R2		TP										
	ME	OL1-2M03-2416	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2415 - CG LIQUID DRYER FEED PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	05/12/2018	30/01/2019									
					Issue Actual			05/12/2018	30/01/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00413	TPSK-LSPA1-T-ME-00770									
					Return Date			27/12/2018	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2420	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2420 - CG LIQUID DRYER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	10/12/2018	22/01/2019	22/01/2019	28/02/2019	16/04/2019								
					Issue Actual			22/01/2019	28/02/2019	16/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00702	TPSK-LSPA1-T-ME-00950	TPSK-LSPA1-T-ME-01378								
					Return Date			21/02/2019	02/04/2019	04/06/2019								
					Owner Cmmt*			R2	R1	R2								
	ME	OL1-2M03-2430	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2430 - REGEN GAS FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	28/01/2019	28/01/2019	28/01/2019	10/04/2019									
					Issue Actual			28/01/2019	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00740	TPSK-LSPA1-T-ME-01315									
					Return Date			21/02/2019	05/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2432	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2432 - REGEN GAS SHP HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	29/01/2019	29/01/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	24/05/2019									
					Issue Actual			29/01/2019	24/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00751	TPSK-LSPA1-T-ME-01743									
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2434	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2435 - REGEN GAS EFFLUENT COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	25/01/2019	25/01/2019	25/01/2019	01/04/2019									
					Issue Actual			25/01/2019	01/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00723	TPSK-LSPA1-T-ME-01218									
					Return Date			21/02/2019	09/05/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2435	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2435 - REGEN GAS SEPARATOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	30/05/2019									
					Issue Actual			22/01/2019	30/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01783									
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2438	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2440 - HP DEPROPANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	16/04/2019									
					Issue Actual			13/12/2018	16/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00484	TPSK-LSPA1-T-ME-01378									
					Return Date			22/01/2019	04/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2439	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2440 - HP DEPROPANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	29/03/2019									
					Issue Actual			22/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00683	TPSK-LSPA1-T-ME-01205									
					Return Date			11/02/2019	02/05/2019									
					Owner Cmmt*			R1	TP									
	ME	OL1-2M03-2440	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2440 - HP DEPROPANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	23/10/2018	05/12/2018	19/02/2019								
					Issue Actual			23/10/2018	05/12/2018	19/02/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00215	TPSK-LSPA1-T-ME-00416	TPSK-LSPA1-T-ME-00884								
					Return Date			17/12/2018	27/12/2018	12/03/2019								
					Owner Cmmt*			R2	R2	R2								
	ME	OL1-2M03-2441	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2441 - HP DEPROP REFLUX CHILLER NO. 2	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019	01/04/2019									
					Issue Actual			16/01/2019	01/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00663	TPSK-LSPA1-T-ME -01216									
					Return Date			11/02/2019	09/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2442	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2442 - HP DEPROP REFLUX CHILLER NO. 1	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019	02/04/2019									
					Issue Actual			16/01/2019	02/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00662	TPSK-LSPA1-T-ME-01231									
					Return Date			11/02/2019	09/05/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2443	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2445 - HP DEPROPANIZER COND PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	13/12/2018	30/01/2019									
					Issue Actual			13/12/2018	30/01/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00494	TPSK-LSPA1-T-ME-00770									
					Return Date			14/01/2019	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2444	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2445 - HP DEPROP REBOILER COND POT	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	10/04/2019	15/05/2019								
					Issue Actual			11/01/2019	10/04/2019	15/05/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00629	TPSK-LSPA1-T-ME -01314	TPSK-LSPA1-T-ME-01670								
					Return Date			31/01/2019	05/06/2019	19/06/2019								
					Owner Cmmt*			R2	R1	R1								
	ME	OL1-2M03-2445	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2445 - HP DEPROPANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	17/01/2019	17/01/2019	17/01/2019	02/04/2019									
					Issue Actual			17/01/2019	02/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00671	TPSK-LSPA1-T-ME-01231									
					Return Date			11/02/2019	09/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2446	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2446 - LP DEPROPANIZER FEED COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	27/12/2018	01/04/2019									
					Issue Actual			27/12/2018	01/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00565	TPSK-LSPA1-T-ME-01218									
					Return Date			22/01/2019	09/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2450	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2450 - LP DEPROPANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	16/10/2018	06/11/2018	05/12/2018	19/02/2019							

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification															
																	Period for Company's comment		Working Days
					Issue Actual			16/10/2018	06/11/2018	05/12/2018	19/02/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00183	TPSK-LSPA1-T-ME-00283	TPSK-LSPA1-T-ME-00412	TPSK-LSPA1-T-ME-00884								
					Return Date			05/11/2018	30/11/2018	27/12/2018	12/03/2019								
					Owner Cmmt*			A3	R1	R2	R2								
	ME	OL1-2M03-2451	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2450 - LP DEPROPANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	29/03/2019										
					Issue Actual			07/01/2019	29/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00588	TPSK-LSPA1-T-ME-01205										
					Return Date			30/01/2019	02/05/2019										
					Owner Cmmt*			R2	TP										
	ME	OL1-2M03-2452	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2450 - LP DEPROPANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	17/12/2018	30/04/2019										
					Issue Actual			17/12/2018	30/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00516	TPSK-LSPA1-T-ME-01533										
					Return Date			22/01/2019	18/06/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-2453	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2450 - LP DEPROPANIZER REFLUX / PRODUCT PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	08/11/2018	27/02/2019										
					Issue Actual			08/11/2018	27/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00294	TPSK-LSPA1-T-ME-00944										
					Return Date			21/02/2019	12/03/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2455	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2455 - LP DEPROPANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	07/01/2019	27/03/2019	21/05/2019									
					Issue Actual			07/01/2019	27/03/2019	21/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00584	TPSK-LSPA1-T-ME-01179	TPSK-LSPA1-T-ME-01713									
					Return Date			24/01/2019	02/05/2019										
					Owner Cmmt*			R2	TP										
	ME	OL1-2M03-2456	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2455 - LP DEPROP REBOILER COND POT	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	04/06/2019										
					Issue Actual			22/01/2019	04/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01803										
					Return Date			21/02/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2457	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2455 - LP DEPROPANIZER COND PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	13/12/2018	30/01/2019										
					Issue Actual			13/12/2018	30/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00494	TPSK-LSPA1-T-ME-00770										
					Return Date			14/01/2019	21/02/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2460	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2460 - C2 HYDROG ARSINE GUARD BED	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	10/12/2018	16/01/2019	16/01/2019	15/02/2019	16/04/2019									
					Issue Actual			16/01/2019	15/02/2019	16/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00657	TPSK-LSPA1-T-ME -00858	TPSK-LSPA1-T-ME-01378									
					Return Date			11/02/2019	12/03/2019	04/06/2019									
					Owner Cmmt*			R2	R1	R2									
	ME	OL1-2M03-2461	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2460 - C2 HYDROG FEED COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	27/03/2019										
					Issue Actual			03/01/2019	27/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00573	TPSK-LSPA1-T-ME-01179										
					Return Date			24/01/2019	02/05/2019										
					Owner Cmmt*			R2	TP										
	ME	OL1-2M03-2465	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2465 - C2 HYDROG FEED HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	02/04/2019										
					Issue Actual			11/01/2019	02/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00641	TPSK-LSPA1-T-ME-01230										
					Return Date			04/02/2019	09/05/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2470	MECHANICAL EQUIPMENT DATA SHEET - 10-R-2470 - C2 HYDROG REACTOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	16/02/2019	16/02/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	28/02/2019	16/04/2019									
					Issue Actual			11/01/2019	28/02/2019	16/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00630	TPSK-LSPA1-T-ME-00953	TPSK-LSPA1-T-ME-01379									
					Return Date			21/02/2019	25/03/2019	04/06/2019									
					Owner Cmmt*			R2	R2	R1									
	ME	OL1-2M03-2471	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2470 - C2 HYDROG 1ST STAGE INTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	02/04/2019										
					Issue Actual			11/01/2019	02/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00641	TPSK-LSPA1-T-ME-01231										
					Return Date			11/02/2019	09/05/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2472	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2472 - C2 HYDROG 2ND STAGE INTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	29/03/2019										
					Issue Actual			11/01/2019	29/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00641	TPSK-LSPA1-T-ME-01205										
					Return Date			04/02/2019	02/05/2019										
					Owner Cmmt*			R2	TP										
	ME	OL1-2M03-2474	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2474 - C2 HYDROG AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	29/03/2019	21/05/2019									
					Issue Actual			11/01/2019	29/03/2019	21/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00641	TPSK-LSPA1-T-ME-01205	TPSK-LSPA1-T-ME-01714									
					Return Date			04/02/2019	02/05/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification												Period for Company's comment		Working Days
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2480	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2480 - CG SECONDARY DRYER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	10/12/2018	22/01/2019	22/01/2019	28/02/2019	16/04/2019								
					Issue Actual			22/01/2019	28/02/2019	16/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00702	TPSK-LSPA1-T-ME-00954	TPSK-LSPA1-T-ME-01378								
					Return Date			21/02/2019	25/03/2019	04/06/2019								
					Owner Cmmt*			R1	R1	R2								
	ME	OL1-2M03-2502	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2502 - DEMETH PREFRAC FEED COOLER NO. 1	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/12/2018	29/03/2019									
					Issue Actual			10/12/2018	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00461	TPSK-LSPA1-T-ME-01205									
					Return Date			27/12/2018	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2503	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2504 - DEMETH PREFRAC FEED COOLER NO. 2	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	28/11/2018	29/03/2019									
					Issue Actual			28/11/2018	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00389	TPSK-LSPA1-T-ME-01205									
					Return Date			13/12/2018	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2504	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2504 - DEMETH PREFRAC FEED SEPARATOR NO. 1	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	13/12/2018	30/04/2019									
					Issue Actual			13/12/2018	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LPSA1-T-ME-01534									
					Return Date			22/01/2019	18/06/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2506	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2506 - DEMETH PREFRAC FEED SEPARATOR NO. 2	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	20/12/2018	06/05/2019									
					Issue Actual			20/12/2018	06/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00551	TPSK-LSPA1-T-ME-01583									
					Return Date			24/01/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2508	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2508 - DEMETH PREFRAC FEED SEPARATOR NO. 3	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	20/12/2018	06/05/2019									
					Issue Actual			20/12/2018	06/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00551	TPSK-LSPA1-T-ME-01583									
					Return Date			24/01/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2510	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2510 - DEMETHANIZER PREFRACTIONATOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	31/10/2018	05/12/2018	01/03/2019								
					Issue Actual			31/10/2018	05/12/2018	01/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00260	TPSK-LSPA1-T-ME-00414	TPSK-LSPA1-T-ME-00970								
					Return Date			29/11/2018	27/12/2018	29/03/2019								
					Owner Cmmt*			R1	R2	R2								
	ME	OL1-2M03-2515	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2515 - DEMETH PREFRACTIONATOR REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	01/03/2019									
					Issue Actual			03/01/2019	01/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00573	TPSK-LSPA1-T-ME-00971									
					Return Date			24/01/2019	29/03/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2520	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2520 - RESIDUE GAS RECTIFIER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	14/12/2018	16/01/2019	20/12/2018	01/02/2019									
					Issue Actual			20/12/2018	01/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00534	TPSK-LSPA1-T-ME-00792									
					Return Date			22/01/2019	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2525	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2525 - HYDROGEN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019	06/05/2019									
					Issue Actual			16/01/2019	06/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00657	TPSK-LSPA1-T-ME-01583									
					Return Date			11/02/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2540	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2540 - DEMETHANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	09/11/2018	05/12/2018	27/02/2019								
					Issue Actual			09/11/2018	05/12/2018	27/02/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00304	TPSK-LSPA1-T-ME-00415	TPSK-LSPA1-T-ME-00945								
					Return Date			10/12/2018	27/12/2018	25/03/2019								
					Owner Cmmt*			R2	R2	R1								
	ME	OL1-2M03-2545	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2545 - DEMETHANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	14/01/2019	21/03/2019									
					Issue Actual			14/01/2019	21/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00651	TPSK-LSPA1-T-ME-01123									
					Return Date			31/01/2019	11/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2546	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2546 - DEMETHANIZER BOTTOMS COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019	29/03/2019									
					Issue Actual			16/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00654	TPSK-LSPA1-T-ME-01205									
					Return Date			31/01/2019	02/05/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2548	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2548 - DEMETHANIZER BOTTOMS VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; CAN = Issue for Cancellation

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/01/2019	01/03/2019									
					Issue Actual			10/01/2019	01/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00617	TPSK-LSPA1-T-ME-00961									
					Return Date			29/01/2019	29/03/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2550	MECHANICAL EQUIPMENT DATA SHEET - 10-C-2550 - RESIDUE GAS EXPANDER / RECOMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD	IFQ									
					Rev.		A		B									
					Issue Plan	13/09/2018		04/10/2018										
					Revised Plan	13/09/2018	13/09/2018	04/10/2018	05/10/2018									
					Issue Actual		13/09/2018		05/10/2018									
					Transmittal no.		TPSK-LSPA1-T-ME-00050		TPSK-LSPA1-T-ME-00130									
					Return Date		02/10/2018		26/10/2018									
					Owner Cmmt*		A3		A3									
	ME	OL1-2M03-2551	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2550 - EXPANDER SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	20/12/2018	29/05/2019									
					Issue Actual			20/12/2018	29/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00551	TPSK-LSPA1-T-ME-01764									
					Return Date			24/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2555	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2555 - EXPANDER DISCHARGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	08/01/2019	28/05/2019									
					Issue Actual			08/01/2019	28/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00607	TPSK-LSPA1-T-ME-01760									
					Return Date			28/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2570	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2570 - DEETHANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	29/11/2018	20/12/2018	26/02/2019								
					Issue Actual			29/11/2018	20/12/2018	26/02/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00394	TPSK-LSPA1-T-ME-00547	TPSK-LSPA1-T-ME-00931								
					Return Date			27/12/2018	22/01/2019	15/03/2019								
					Owner Cmmt*			R2	R2	R2								
	ME	OL1-2M03-2571	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2570 - DEETHANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	20/10/2018	16/01/2019	13/11/2018	30/01/2019	03/04/2019								
					Issue Actual			13/11/2018	30/01/2019	03/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00310	TPSK-LSPA1-T-ME-00773	TPSK-LSPA1-T-ME-01245								
					Return Date			11/02/2019	26/02/2019	20/05/2019								
					Owner Cmmt*			R2	R2	TP								
	ME	OL1-2M03-2572	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2570 - DEETHANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	13/12/2018										
					Issue Actual			13/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00484										
					Return Date			22/01/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2573	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2570 - DEETHANIZER REFLUX PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	20/12/2018										
					Issue Actual			20/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00552										
					Return Date			16/01/2019										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2574	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2575 - DEETHANIZER REBOILER COND POT	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	04/06/2019									
					Issue Actual			22/01/2019	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01803									
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2575	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2575 - DEETHANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	01/03/2019									
					Issue Actual			22/01/2019	01/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00684	TPSK-LSPA1-T-ME-00961									
					Return Date			11/02/2019	29/03/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2576	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2576 - DEETHANIZER BOTTOMS COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	21/03/2019									
					Issue Actual			03/01/2019	21/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00582	TPSK-LSPA1-T-ME-01123									
					Return Date			24/01/2019	11/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2577	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2575 - DEETHANIZER REBOILER COND PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	13/12/2018										
					Issue Actual			13/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00494										
					Return Date			14/01/2019										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2580	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2580 - C2 TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	16/01/2019	20/12/2018	04/03/2019									
					Issue Actual			20/12/2018	04/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00531	TPSK-LSPA1-T-ME-00981									
					Return Date			22/01/2019	29/03/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2582	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2582 - C2 TOWER REFLUX COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019	15/02/2019									
					Issue Actual			16/01/2019	15/02/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Transmittal no.			TPSK-LSPA1-T-ME-00661	TPSK-LSPA1-T-ME-00859									
					Return Date			11/02/2019	12/03/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2586	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2586 - ETHANE RECYCLE PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	05/12/2018										
					Issue Actual			05/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00413										
					Return Date			27/12/2018										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2600	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2600 - C3 HYDROG GUARD ADSORBER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	10/12/2018	17/01/2019	17/01/2019	22/01/2019	28/02/2019	16/04/2019							
					Issue Actual			17/01/2019	22/01/2019	28/02/2019	16/04/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00672	TPSK-LSPA1-T-ME -00701	TPSK-LSPA1-T-ME-00954	TPSK-LSPA1-T-ME -01381							
					Return Date			11/02/2019	21/02/2019	25/03/2019	04/06/2019							
					Owner Cmmt*			R1	R2	R1	R2							
	ME	OL1-2M03-2610	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2610 - C3 HYDROG ARSINE GUARD BED	Class 1	Purpose**	IFD	IFQ	IFQ	IFQ	IFQ								
					Rev.		A	B	C	D								
					Issue Plan	13/05/2019												
					Revised Plan	16/01/2019	27/12/2018	16/01/2019	28/02/2019	16/04/2019								
					Issue Actual		27/12/2018	16/01/2019	28/02/2019	16/04/2019								
					Transmittal no.		TPSK-LSPA1-T-ME-00570	TPSK-LSPA1-T-ME-00658	TPSK-LSPA1-T-ME-00950	TPSK-LSPA1-T-ME-01381								
					Return Date		24/01/2019	11/02/2019	01/04/2019	04/06/2019								
					Owner Cmmt*		R2	R2	R1	R1								
	ME	OL1-2M03-2620	MECHANICAL EQUIPMENT DATA SHEET - 10-R-2620 - C3 HYDROG REACTOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	16/02/2019	16/02/2019											
					Revised Plan	16/02/2019	16/02/2019	06/02/2019	05/03/2019	12/04/2019								
					Issue Actual			06/02/2019	05/03/2019	12/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00802	TPSK-LSPA1-T-ME-00990	TPSK-LSPA1-T-ME-01346								
					Return Date			26/02/2019	29/03/2019	20/05/2019								
					Owner Cmmt*			R2	R2	R1								
	ME	OL1-2M03-2621	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2620 - C3 HYDROG AFTERCOOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	25/02/2019	25/02/2019	02/04/2019									
					Issue Actual			25/02/2019	02/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00929	TPSK-LSPA1-T-ME-01233									
					Return Date			15/03/2019	09/05/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2622	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2620 - C3 HYDROG RECYCLE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	06/06/2019									
					Issue Actual			22/01/2019	06/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01817									
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2623	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2620 - C3 HYDROG RECYCLE PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	26/03/2019	12/06/2019								
					Issue Actual			24/01/2019	26/03/2019	12/06/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-01158	TPSK-LSPA1-T-ME-01880								
					Return Date			21/02/2019	10/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2630	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2630 - SECONDARY DEETHANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	14/12/2018	16/01/2019	10/12/2018	01/03/2019									
					Issue Actual			10/12/2018	01/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00458	TPSK-LSPA1-T-ME-00974									
					Return Date			27/12/2018	29/03/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2631	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2630 - SECONDARY DEETH CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/12/2018	03/04/2019									
					Issue Actual			10/12/2018	03/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00455	TPSK-LSPA1-T-ME-01243									
					Return Date			27/12/2018	20/05/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2632	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2630 - SECONDARY DEETH REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	10/04/2019									
					Issue Actual			11/01/2019	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00629	TPSK-LSPA1-T-ME -01314									
					Return Date			31/01/2019	05/06/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2633	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2630 - SECONDARY DEETH REFLUX PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	13/12/2018	20/12/2018									
					Issue Actual			13/12/2018	20/12/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00487	TPSK-LSPA1-T-ME-00554									
					Return Date			16/01/2019	16/01/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2635	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2635 - SECONDARY DEETH REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	03/01/2019	30/04/2019									
					Issue Actual			03/01/2019	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00582	TPSK-LSPA1-T-ME-01532									
					Return Date			24/01/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-2636	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2636 - SECONDARY DEETH BOTTOMS COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/12/2018	10/04/2019									
					Issue Actual			10/12/2018	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00465	TPSK-LSPA1-T-ME -01313									
					Return Date			27/12/2018										
					Owner Cmmt*			R2										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	ME	OL1-2M03-2640	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2640 - C3 TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	16/01/2019	05/12/2018	19/02/2019	04/03/2019								
					Issue Actual			05/12/2018	19/02/2019	04/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00415	TPSK-LSPA1-T-ME-00885	TPSK-LSPA1-T-ME-00981								
					Return Date			21/02/2019	12/03/2019	29/03/2019								
					Owner Cmmt*			R2	R2	R2								
	ME	OL1-2M03-2644	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2645 - C3 TOWER REBOILER COND POT	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	28/05/2019									
					Issue Actual			29/01/2019	28/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00753	TPSK-LSPA1-T-ME-01760									
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2645	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2645 - C3 TOWER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	20/10/2018	16/01/2019	26/11/2018	30/01/2019	09/04/2019								
					Issue Actual			26/11/2018	30/01/2019	09/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00361	TPSK-LSPA1-T-ME-00773	TPSK-LSPA1-T-ME-01286								
					Return Date			11/02/2019	26/02/2019	20/05/2019								
					Owner Cmmt*			R2	R1	TP								
	ME	OL1-2M03-2646	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2646 - PROPANE RECYCLE PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	20/12/2018										
					Issue Actual			20/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00543										
					Return Date			16/01/2019										
					Owner Cmmt*			TP										
	ME	OL1-2M03-2647	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2647 - HP PROPYLENE / OFF SPEC PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	13/12/2018	30/01/2019									
					Issue Actual			13/12/2018	30/01/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00494	TPSK-LSPA1-T-ME-00770									
					Return Date			14/01/2019	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2660	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2660 - DEBUTANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/11/2018	18/12/2018	23/10/2018	08/11/2018	05/12/2018	15/02/2019							
					Issue Actual			23/10/2018	08/11/2018	05/12/2018	15/02/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00215	TPSK-LSPA1-T-ME-00288	TPSK-LSPA1-T-ME-00415	TPSK-LSPA1-T-ME-00861							
					Return Date				17/11/2018	27/12/2018	12/03/2019							
					Owner Cmmt*				R2	R2	R1							
	ME	OL1-2M03-2661	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2660 - DEBUTANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/12/2018	29/03/2019									
					Issue Actual			10/12/2018	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00465	TPSK-LSPA1-T-ME-01205									
					Return Date			27/12/2018	02/05/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2662	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2660 - DEBUTANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	17/12/2018	30/04/2019									
					Issue Actual			17/12/2018	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00516	TPSK-LSPA1-T-ME-01535									
					Return Date			22/01/2019	18/06/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2663	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2660 - DEBUTANIZER REFLUX / PRODUCT PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	07/02/2019	17/12/2018	07/02/2019	25/04/2019								
					Issue Actual			17/12/2018	07/02/2019	25/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00511	TPSK-LSPA1-T-ME-00822	TPSK-LSPA1-T-ME-01479								
					Return Date			14/01/2019	21/02/2019	18/06/2019								
					Owner Cmmt*			R2	R1	R1								
	ME	OL1-2M03-2664	Mechanical Equipment Datasheet - C5 - Pygas Feed Filters	Class 2	Purpose**	IFQ	IFP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	25/03/2019	15/05/2019											
					Issue Actual	25/03/2019	15/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-01141	TPSK-LSPA1-T-ME-01669											
					Return Date	11/04/2019	19/06/2019											
					Owner Cmmt*	R1	R1											
	ME	OL1-2M03-2665	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2665 - DEBUTANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/12/2018	10/04/2019									
					Issue Actual			10/12/2018	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00468	TPSK-LSPA1-T-ME -01313									
					Return Date			27/12/2018	05/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2666	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2666 - DEBUTANIZER BOTTOMS COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	10/12/2018	12/04/2019	21/05/2019								
					Issue Actual			10/12/2018	12/04/2019	21/05/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00468	TPSK-LSPA1-T-ME-01344	TPSK-LSPA1-T-ME-01712								
					Return Date			27/12/2018	20/05/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-2667	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2666 - C5 / PYGAS SURGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	15/02/2019	15/02/2019	15/02/2019	04/06/2019									
					Issue Actual			15/02/2019	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00869	TPSK-LSPA1-T-ME-01803									
					Return Date			12/03/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2668	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2666 - C5 / PYGAS PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	16/02/2019	20/02/2019	20/02/2019	20/03/2019	22/04/2019									
					Issue Actual			20/02/2019	20/03/2019	22/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00898	TPSK-LSPA1-T-ME-01102	TPSK-LSPA1-T-ME-01426									
					Return Date			12/03/2019	10/04/2019	18/06/2019									
					Owner Cmmt*			R1	R1	R1									
	ME	OL1-2M03-2669	Mechanical Equipment Datasheet - Debutanizer Bottoms Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	18/02/2019	18/02/2019	04/12/2018	07/02/2019										
					Issue Actual			04/12/2018	07/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00421	TPSK-LSPA1-T-ME-00823										
					Return Date				15/03/2019										
					Owner Cmmt*				R1										
	ME	OL1-2M03-2700	MECHANICAL EQUIPMENT DATA SHEET - 10-R-2700 - GHU-1 REACTOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	16/02/2019	16/02/2019												
					Revised Plan	16/02/2019	16/02/2019	01/02/2019	12/04/2019										
					Issue Actual			01/02/2019	12/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00795	TPSK-LSPA1-T-ME-01346										
					Return Date			21/02/2019	20/05/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-2701	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2701 - GHU-1 FEED / EFFLUENT EXCHANGERS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	20/03/2019	20/03/2019	02/04/2019										
					Issue Actual			20/03/2019	02/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01100	TPSK-LSPA1-T-ME-01230										
					Return Date				09/05/2019										
					Owner Cmmt*				R2										
	ME	OL1-2M03-2702	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2702 - GHU-1 S/U HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	19/03/2019	19/03/2019	04/06/2019										
					Issue Actual			19/03/2019	04/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01095	TPSK-LSPA1-T-ME -01806										
					Return Date			11/04/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2703	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2705 - GHU-1 RECYCLE COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	16/04/2019	21/05/2019									
					Issue Actual			19/02/2019	16/04/2019	21/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00895	TPSK-LSPA1-T-ME-01357	TPSK-LSPA1-T-ME-01712									
					Return Date			12/03/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2704	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2705 - GHU-1 RECYCLE PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	20/03/2019	12/06/2019									
					Issue Actual			19/02/2019	20/03/2019	12/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00891	TPSK-LSPA1-T-ME-01102	TPSK-LSPA1-T-ME-01880									
					Return Date			12/03/2019	10/04/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-2705	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2705 - GHU-1 HOT SEPARATOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	04/06/2019										
					Issue Actual			19/02/2019	04/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00893	TPSK-LSPA1-T-ME-01803										
					Return Date			12/03/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2706	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2706 - GHU-1 COLD SEPARATOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/02/2019	25/02/2019	25/02/2019	10/06/2019										
					Issue Actual			25/02/2019	10/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00928	TPSK-LSPA1-T-ME-01850										
					Return Date			15/03/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2707	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2706 - GHU-1 COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	25/02/2019	25/02/2019	24/04/2019										
					Issue Actual			25/02/2019	24/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00927	TPSK-LSPA1-T-ME -01467										
					Return Date			15/03/2019	18/06/2019										
					Owner Cmmt*			R1	R2										
	ME	OL1-2M03-2710	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2710 - DEPENTANIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	06/02/2019	06/02/2019	06/02/2019	06/05/2019										
					Issue Actual			06/02/2019	06/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00805	TPSK-LSPA1-T-ME -01588										
					Return Date			21/02/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-2711	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2710 -DEPENTANIZER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	21/02/2019	21/02/2019	15/04/2019										
					Issue Actual			21/02/2019	15/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00908	TPSK-LSPA1-T-ME-01362										
					Return Date			12/03/2019	24/05/2019										
					Owner Cmmt*			R2	TP										
	ME	OL1-2M03-2712	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2710 - DEPENTANIZER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	15/02/2019	15/02/2019	15/02/2019	10/06/2019										
					Issue Actual			15/02/2019	10/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00874	TPSK-LSPA1-T-ME-01850										
					Return Date			12/03/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-2713	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2710 - DEPENTANIZER REFLUX PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	20/03/2019										
					Issue Actual			19/02/2019	20/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00891	TPSK-LSPA1-T-ME-01102										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date			12/03/2019	10/04/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2714	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2714 - C5 CUT PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	08/04/2019									
					Issue Actual			19/02/2019	08/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00891	TPSK-LSPA1-T-ME-01279									
					Return Date			12/03/2019	16/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2715	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2715 - DEPENTANIZER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	21/02/2019	21/02/2019	15/04/2019	16/05/2019								
					Issue Actual			21/02/2019	15/04/2019	16/05/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00908	TPSK-LSPA1-T-ME-01362	TPSK-LSPA1-T-ME-01685								
					Return Date			12/03/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2716	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2714 - C5 CUT COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	20/05/2019	15/02/2019	24/05/2019									
					Issue Actual			15/02/2019	24/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00872	TPSK-LSPA1-T-ME-01743									
					Return Date			12/03/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2718	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2720 - RERUN TOWER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	15/02/2019	15/02/2019	15/02/2019	04/06/2019									
					Issue Actual			15/02/2019	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00869	TPSK-LSPA1-T-ME-01803									
					Return Date			12/03/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2719	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2720 - RERUN TOWER REFLUX / PRODUCT PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	26/04/2019									
					Issue Actual			19/02/2019	26/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00891	TPSK-LSPA1-T-ME-01493									
					Return Date			12/03/2019	18/06/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2720	MECHANICAL EQUIPMENT DATA SHEET - 10-T-2720 - RERUN TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	28/01/2019	28/01/2019	28/01/2019	17/04/2019									
					Issue Actual			28/01/2019	17/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00741	TPSK-LSPA1-T-ME-01399									
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2721	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2720 - RERUN TOWER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	20/05/2019	28/02/2019										
					Issue Actual			28/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -00956										
					Return Date			25/03/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2723	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2724 - WASH OIL CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	20/05/2019	25/02/2019	24/05/2019									
					Issue Actual			25/02/2019	24/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00929	TPSK-LSPA1-T-ME-01743									
					Return Date			15/03/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2724	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2724 - WASH OIL DEGASSING DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	15/02/2019	15/02/2019	15/02/2019	04/06/2019									
					Issue Actual			15/02/2019	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00869	TPSK-LSPA1-T-ME-01803									
					Return Date			12/03/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2725	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2725 - RERUN TOWER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	20/05/2019	16/05/2019										
					Issue Actual			16/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01685										
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-2726	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2726 - PYGAS FUEL OIL PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	20/02/2019	20/02/2019	30/04/2019									
					Issue Actual			20/02/2019	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00898	TPSK-LSPA1-T-ME-01524									
					Return Date			19/03/2019	18/06/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2727	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2726 - PYGAS FUEL OIL COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/02/2019	20/05/2019	20/02/2019	24/05/2019									
					Issue Actual			20/02/2019	24/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00897	TPSK-LSPA1-T-ME-01743									
					Return Date			12/03/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2728	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2724 - RECYCLE WASH OIL PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	19/02/2019	19/02/2019	30/04/2019									
					Issue Actual			19/02/2019	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00891	TPSK-LSPA1-T-ME-01524									
					Return Date			12/03/2019	18/06/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2729	Mechanical Equipment Datasheet - Wash Oil Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

ABBREVIATION																		
**Revision Purpose of Issued Document								*Owner Feedback (Comment)							***Classification			
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IFA = Issue For Approval						ASB = Issue For As-Built					A2 = App. with comments, re-submit not required				R2 = Comments as noted		Class 2 = For Review	
IFC = Issue For Construction						AFC = Approved for Construction					A3 = App. with comments, re-submit for review						Class 3 = For Information	
IFI = Issue For Information						IMP = Issue for Implementation					A4 = Not App., re-submit for approval							
IFP = Issue For Planning						/ Execution												
IFD = Issue For Design						CAN = Issue for Cancellation												

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Item	Org.	Document No.	Document Name	Classification															
																Period for Company's comment			Working Days
					Rev.			A	B	C									
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	08/04/2019	16/04/2019	20/02/2019	09/04/2019	30/04/2019									
					Issue Actual			20/02/2019	09/04/2019	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00898	TPSK-LSPA1-T-ME-01287	TPSK-LSPA1-T-ME-01524									
					Return Date			12/03/2019		18/06/2019									
					Owner Cmmt*			R2		R1									
	ME	OL1-2M03-2730	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2730 - HYDROG REGEN HEATER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	20/05/2019	18/04/2019											
					Issue Actual			18/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01410											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2735	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2735 - REGEN HYDROG DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/02/2019	04/04/2019	04/04/2019											
					Issue Actual			04/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01253											
					Return Date			05/06/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-2750	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2750 - C4 / C5 HYDROG SURGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	15/02/2019	15/02/2019	15/02/2019	06/06/2019										
					Issue Actual			15/02/2019	06/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00869	TPSK-LSPA1-T-ME-01817										
					Return Date			12/03/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-2751	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2750 - C4 / C5 HYDROG FEED PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	07/02/2019	07/02/2019	07/02/2019	20/03/2019	09/05/2019									
					Issue Actual			07/02/2019	20/03/2019	09/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00817	TPSK-LSPA1-T-ME-01102	TPSK-LSPA1-T-ME-01626									
					Return Date			15/03/2019	10/04/2019	18/06/2019									
					Owner Cmmt*			R1	R1	R1									
	ME	OL1-2M03-2755	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2755 - C4 / C5 HYDROG S/U HEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	19/03/2019	19/03/2019	29/04/2019										
					Issue Actual			19/03/2019	29/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01095	TPSK-LSPA1-T-ME-01514										
					Return Date			11/04/2019	18/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2760	MECHANICAL EQUIPMENT DATA SHEET - 10-R-2760 - C4 / C5 HYDROG REACTOR	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	16/02/2019	16/02/2019												
					Revised Plan	16/02/2019	16/02/2019	01/02/2019	12/04/2019										
					Issue Actual			01/02/2019	12/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00795	TPSK-LSPA1-T-ME -01346										
					Return Date			21/02/2019	20/05/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-2762	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2760 - C4 / C5 HYDROG RECYCLE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	15/02/2019	15/02/2019	15/02/2019	06/06/2019										
					Issue Actual			15/02/2019	06/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00869	TPSK-LSPA1-T-ME-01817										
					Return Date			12/03/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2763	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2760 - C4 / C5 HYDROG VENT CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	18/03/2019	15/03/2019	29/03/2019										
					Issue Actual			15/03/2019	29/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01075	TPSK-LSPA1-T-ME-01205										
					Return Date			02/05/2019	02/05/2019										
					Owner Cmmt*			TP	R1										
	ME	OL1-2M03-2764	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2760 - C4 / C5 HYDROG RECYCLE PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	07/02/2019	07/02/2019	07/02/2019	20/03/2019	12/06/2019									
					Issue Actual			07/02/2019	20/03/2019	12/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00817	TPSK-LSPA1-T-ME-01102	TPSK-LSPA1-T-ME-01880									
					Return Date			15/03/2019	10/04/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-2765	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2765 - C4 / C5 HYDROG RECYCLE COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/02/2019	18/03/2019	05/03/2019	03/04/2019	21/05/2019									
					Issue Actual			05/03/2019	03/04/2019	21/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00991	TPSK-LSPA1-T-ME -01242	TPSK-LSPA1-T-ME-01712									
					Return Date			29/03/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2790	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2790 - LIGHT OIL DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	08/01/2019	30/05/2019										
					Issue Actual			08/01/2019	30/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00607	TPSK-LSPA1-T-ME-01780										
					Return Date			28/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2791	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2790 - LIGHT OIL DRAIN DRUM PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	17/12/2018	26/04/2019										
					Issue Actual			17/12/2018	26/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00515	TPSK-LSPA1-T-ME-01493										
					Return Date			14/01/2019	18/06/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2800	MECHANICAL EQUIPMENT DATA SHEET - 10-C-2800 - PROPYLENE REFRIG COMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD	IFQ										
					Rev.		A		B										
					Issue Plan	13/09/2018		04/10/2018											
					Revised Plan	06/09/2018	10/09/2018	03/10/2018	03/10/2018										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Actual		10/09/2018		03/10/2018									
					Transmittal no.		TPSK-LSPA1-T-ME-00038		TPSK-LSPA1-T-ME-00127									
					Return Date		28/09/2018											
					Owner Cmmt*		A3											
	ME	OL1-2M03-2801	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2805 - PROPYLENE PRODUCT PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	20/12/2018	12/03/2019									
					Issue Actual			20/12/2018	12/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00543	TPSK-LSPA1-T-ME-01035									
					Return Date			16/01/2019	29/03/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2805	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2805 - C3R SURGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	28/03/2019									
					Issue Actual			13/12/2018	28/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01186									
					Return Date			22/01/2019	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-2806	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2805 - C3R CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	17/01/2019	17/01/2019	17/01/2019	21/03/2019									
					Issue Actual			17/01/2019	21/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00671	TPSK-LSPA1-T-ME-01123									
					Return Date			11/02/2019	11/04/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2807	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2807 - C3 CHILLER NO. 1	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	14/12/2018	11/04/2019									
					Issue Actual			14/12/2018	11/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00505	TPSK-LSPA1-T-ME-01324									
					Return Date			22/01/2019	20/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2809	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2809 - C3 CHILLER NO. 2	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	14/12/2018	11/04/2019									
					Issue Actual			14/12/2018	11/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00505	TPSK-LSPA1-T-ME-01324									
					Return Date			22/01/2019	20/05/2019									
					Owner Cmmt*			R2	TP									
	ME	OL1-2M03-2810	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2810 - C3R 1ST STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	04/06/2019									
					Issue Actual			13/12/2018	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01803									
					Return Date			22/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2815	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2815 - C3R DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	08/01/2019	30/05/2019									
					Issue Actual			08/01/2019	30/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00607	TPSK-LSPA1-T-ME-01783									
					Return Date			28/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-2816	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2815 - PROPYLENE REFRIG RECOVERY PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	07/02/2019	20/12/2018	07/02/2019									
					Issue Actual			20/12/2018	07/02/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00543	TPSK-LSPA1-T-ME-00822									
					Return Date			16/01/2019	21/02/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-2820	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2820 - C3R 2ND STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018	04/06/2019									
					Issue Actual			13/12/2018	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01803									
					Return Date			22/01/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2830	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2830 - C3R 3RD STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	13/12/2018										
					Issue Actual			13/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00483										
					Return Date			22/01/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2840	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2840 - C3R 4TH STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	13/12/2018	16/01/2019	10/12/2018										
					Issue Actual			10/12/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00460										
					Return Date			27/12/2018										
					Owner Cmmt*			R1										
	ME	OL1-2M03-2850	MECHANICAL EQUIPMENT DATA SHEET - 10-C-2850 - ETHYLENE REFRIG COMPRESSOR	Class 1	Purpose**	IFR	IFA	IFD	IFQ									
					Rev.		A		B									
					Issue Plan	13/09/2018		04/10/2018										
					Revised Plan	06/09/2018	10/09/2018	03/10/2018	03/10/2018									
					Issue Actual		10/09/2018		03/10/2018									
					Transmittal no.		TPSK-LSPA1-T-ME-00038		TPSK-LSPA1-T-ME-00127									
					Return Date		28/09/2018		26/10/2018									
					Owner Cmmt*		A3		A3									
	ME	OL1-2M03-2852	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2852 - C2R DESUPERHEATER NO. 1	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	16/01/2019	16/01/2019	14/12/2018	10/04/2019									
					Issue Actual			14/12/2018	10/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00505	TPSK-LSPA1-T-ME-01311									
					Return Date			22/01/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*			R2											
	ME	OL1-2M03-2853	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2852 - C2R DESUPERHEATER NO. 2	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	16/01/2019	16/01/2019	20/12/2018	10/04/2019										
					Issue Actual			20/12/2018	10/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00541	TPSK-LSPA1-T-ME -01313										
					Return Date			22/01/2019	05/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2854	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2855 - C2R SURGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019											
					Issue Actual			11/01/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00638											
					Return Date			31/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2855	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2855 - ETHYLENE PRODUCT PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	27/12/2018	16/01/2019	13/12/2018	12/03/2019										
					Issue Actual			13/12/2018	12/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00494	TPSK-LSPA1-T-ME-01035										
					Return Date			14/01/2019	29/03/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2856	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2855 - C2R CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	20/10/2018	16/01/2019	14/11/2018	30/01/2019	29/03/2019									
					Issue Actual			14/11/2018	30/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00316	TPSK-LSPA1-T-ME-00773	TPSK-LSPA1-T-ME-01205									
					Return Date			04/02/2019	26/02/2019	02/05/2019									
					Owner Cmmt*			R2	R2	TP									
	ME	OL1-2M03-2857	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2857 - HP ETHYLENE PRODUCT VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	20/10/2018	16/01/2019	13/11/2018	30/01/2019	03/04/2019									
					Issue Actual			13/11/2018	30/01/2019	03/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00312	TPSK-LSPA1-T-ME-00773	TPSK-LSPA1-T-ME-01246									
					Return Date			11/02/2019	26/02/2019	20/05/2019									
					Owner Cmmt*			R2	R2	TP									
	ME	OL1-2M03-2858	MECHANICAL EQUIPMENT DATA SHEET - 10-E-2858 - HP ETHYLENE PRODUCT SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	04/04/2019										
					Issue Actual			22/01/2019	04/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00684	TPSK-LSPA1-T-ME-01256										
					Return Date			11/02/2019	05/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2859	Mechanical Equipment Data Sheet - 10-E-2856 - Ethylene Product Subcooler	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	16/02/2019	16/02/2019												
					Revised Plan	16/02/2019	16/02/2019	20/12/2018	03/04/2019										
					Issue Actual			20/12/2018	03/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00541	TPSK-LSPA1-T-ME -01234										
					Return Date			11/02/2019	09/05/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2860	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2860 - C2R 1ST STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	20/12/2018	30/05/2019										
					Issue Actual			20/12/2018	30/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00553	TPSK-LSPA1-T-ME-01783										
					Return Date			24/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2865	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2865 - C2R DRAIN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	16/01/2019	16/01/2019	08/01/2019	30/05/2019										
					Issue Actual			08/01/2019	30/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00607	TPSK-LSPA1-T-ME-01783										
					Return Date			28/01/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2870	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2870 - C2R 2ND STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	17/01/2019	17/01/2019	17/01/2019	28/03/2019										
					Issue Actual			17/01/2019	28/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00670	TPSK-LSPA1-T-ME-01186										
					Return Date			11/02/2019	02/05/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-2880	MECHANICAL EQUIPMENT DATA SHEET - 10-D-2880 - C2R 3RD STAGE SUCTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	13/12/2018	16/01/2019	10/12/2018	23/01/2019	22/05/2019									
					Issue Actual			10/12/2018	23/01/2019	22/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00460	TPSK-LSPA1-T-ME-00708	TPSK-LSPA1-T-ME-01723									
					Return Date			27/12/2018	21/02/2019										
					Owner Cmmt*			R1	R2										
	ME	OL1-2M03-2900	MECHANICAL EQUIPMENT DATASHEET FOR pH CTRL / CORROSION INHIBITOR INJECTION PACKAGE TAG: 10-	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-2902	MECHANICAL EQUIPMENT DATASHEET FOR EMULSION BREAKER INJECTION PACKAGE TAG: 10-PK-2902	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-2904	MECHANICAL EQUIPMENT DATASHEET FOR PROCESS WATER STRIPPER CHEMICAL INJECTION PACKAGE TAG	Class 2	Purpose**	IFQ													
					Rev.	A													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

****Revision Purpose of Issued Document**

IFR = Issue For Review
IFA = Issue For Approval
IFC = Issue For Construction
IFI = Issue For Information
IFP = Issue For Planning
IFD = Issue For Design
IFF = Issue For Final
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AFC = Approved for Construction
IMP = Issue for Implementation
/ Execution
CAN = Issue for Cancellation

***Owner Feedback (Comment)**

A1 = App. w/o comments
A2 = App. with comments, re-submit not required
A3 = App. with comments, re-submit for review
A4 = Not App., re-submit for approval
R1 = No comments
R2 = Comments as noted

*****Classification**

Class 1 = For Approval
Class 2 = For Review
Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days			
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-2906	MECHANICAL EQUIPMENT DATASHEET FOR DSG ANTI-FOULANT INJECTION PACKAGE TAG: 10-PK-2906	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-2910	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-2910 - WASH OIL DAY TANK	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	18/02/2019	26/02/2019												
					Revised Plan	28/01/2019	28/01/2019	28/01/2019	23/04/2019										
					Issue Actual			28/01/2019	23/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00745	TPSK-LSPA1-T-ME-01449										
					Return Date			21/02/2019	18/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-2911	MECHANICAL EQUIPMENT DATA SHEET - 10-P-2910 - WASH OIL INJECTION PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	16/02/2019	16/02/2019	25/02/2019	08/04/2019										
					Issue Actual			25/02/2019	08/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00925	TPSK-LSPA1-T-ME-01279										
					Return Date			12/03/2019	16/05/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2912	MECHANICAL EQUIPMENT DATASHEET FOR CAUSTIC TOWER ANTI-FOULANT INJECTION PACKAGE TAG: 10-P	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-2913	Mechanical Equipment Datasheet for Vent Silencer 10-SP-29012 - Start-up	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-02144													
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-2915	Mechanical Equipment Datasheet for Vent Silencer 10-SP-29015 - Start-up	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-02143													
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-2920	MECHANICAL EQUIPMENT DATASHEET FOR POLYMERIZATION INHIBITOR INJECTION PACKAGE TAG: 10-PK-2	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R2													
	ME	OL1-2M03-2921	Mechanical Equipment Datasheet for Vent Silencer 10-SP-29021 - Start-up	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-02143													
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-2926	Mechanical Equipment Datasheet for Vent Silencer 10-SP-29026 - Start-up	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-02143													
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-2931	MECHANICAL EQUIPMENT DATASHEET FOR PROPANOL INJECTION PACKAGE TAG: 10-PK-2931	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R2													
	ME	OL1-2M03-2932	Mechanical Equipment Data Sheet - Methanol Drum	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	18/02/2019	18/02/2019	23/01/2019	04/06/2019										
					Issue Actual			23/01/2019	04/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00709	TPSK-LSPA1-T-ME-01803										
					Return Date			21/02/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-2934	Mechanical Equipment Datasheet - Methanol Injection Pump	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	18/02/2019	18/02/2019	24/01/2019	20/03/2019										
					Issue Actual			24/01/2019	20/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-01102										
					Return Date			21/02/2019	10/04/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-2940	MECHANICAL EQUIPMENT DATASHEET FOR C4 POLYMER INHIBITOR INJECTION PACKAGE TAG: 10-PK-2940	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-ME-01490												
					Return Date	18/06/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M03-2945	MECHANICAL EQUIPMENT DATASHEET FOR ANTI-OXIDANT INJECTION PACKAGE TAG: 10-PK-2945	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	16/05/2019												
					Issue Actual	16/05/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01673												
					Return Date	18/06/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M03-3000	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3000 - PREDISTILLATION TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	11/06/2019	18/06/2019								
					Issue Actual			08/04/2019	11/06/2019	18/06/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01870	TPSK-LSPA1-T-ME-01909								
					Return Date			20/05/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-3001	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3000 - PREDISTILLATION CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3002	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3002 - PREDISTILLATION FEED PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	16/05/2019	10/05/2019										
					Issue Actual			10/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -01645										
					Return Date			03/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3003	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3000 - PREDISTILLATION REFLUX PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	16/05/2019	10/05/2019										
					Issue Actual			10/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -01645										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3004	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3004 - PREDISTILLATION TRIM REBOILER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3005	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3005 - PREDISTILLATION REBOILER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3006	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3000 - PREDISTILLATION REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	16/04/2019	16/04/2019	18/06/2019									
					Issue Actual			16/04/2019	18/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01370	TPSK-LSPA1-T-ME-01910									
					Return Date			17/06/2019	15/07/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-3007	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3002 - PREDISTILLATION FEED DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	16/04/2019	15/04/2019	18/06/2019									
					Issue Actual			15/04/2019	18/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01363	TPSK-LSPA1-T-ME-01910									
					Return Date				15/07/2019									
					Owner Cmmt*				R2									
	ME	OL1-2M03-3010	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3010 - C4 FEED DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	16/05/2019	08/04/2019	06/06/2019	18/06/2019								
					Issue Actual			08/04/2019	06/06/2019	18/06/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01818	TPSK-LSPA1-T-ME-01909								
					Return Date			20/05/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-3014	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3014 - C4 TRIM VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3015	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3015 - C4 VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3016	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3016 - HEAVY END DISCHARGE PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	23/04/2019	23/04/2019	18/06/2019									
					Issue Actual			23/04/2019	18/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01451	TPSK-LSPA1-T-ME-01910									
					Return Date			18/06/2019	15/07/2019									
					Owner Cmmt*			R1	R2									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
	ME	OL1-2M03-3018	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3018 - SOLVENT COOLER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3020	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3020 - MAIN WASHER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	11/06/2019									
					Issue Actual			08/04/2019	11/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01870									
					Return Date			20/05/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-3021	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3020 - MAIN WASHER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	16/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3022	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3020 - MAIN WASHER CONDENSER	Class 1	Purpose**	IFR	IFI	IFD										
					Rev.		A											
					Issue Plan	15/04/2019		20/05/2019										
					Revised Plan	15/04/2019	10/05/2019	02/05/2019										
					Issue Actual		10/05/2019											
					Transmittal no.		TPSK-LSPA1-T-ME -01645											
					Return Date		18/06/2019											
					Owner Cmmt*		R2											
	ME	OL1-2M03-3023	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3020 - MAIN WASHER REFLUX PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	16/04/2019	15/04/2019										
					Issue Actual			15/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01363										
					Return Date			17/06/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-3026	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3026 - MAIN WASHER BOTTOM PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -01562										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3030	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3030 - AFTER WASHER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/02/2019	16/04/2019	11/04/2019	13/06/2019									
					Issue Actual			11/04/2019	13/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01325	TPSK-LSPA1-T-ME-01893									
					Return Date			20/05/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-3031	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3030 - AFTER WASHER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3032	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3030 - AFTER WASHER REFLUX PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	16/05/2019	10/05/2019										
					Issue Actual			10/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -01645										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3033	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3030 - AFTER WASHER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	16/04/2019	16/04/2019	18/06/2019									
					Issue Actual			16/04/2019	18/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01370	TPSK-LSPA1-T-ME-01910									
					Return Date			17/06/2019	15/07/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-3036	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3036 - AFTER WASHER BOTTOM PUMP	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	16/04/2019	16/04/2019	18/06/2019									
					Issue Actual			16/04/2019	18/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01370	TPSK-LSPA1-T-ME-01910									
					Return Date			17/06/2019	15/07/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-3040	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3040 - RECTIFIER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	13/06/2019									
					Issue Actual			08/04/2019	13/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01893									
					Return Date			20/05/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-3044	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3044 - SOLVENT HEATER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3045	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3045 - SOLVENT HEAT EXCHANGER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3046	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3046 - DEGASSER FEED PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	17/04/2019	17/04/2019											
					Issue Actual			17/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01398											
					Return Date			18/06/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3047	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3045 - RECTIFIER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	17/04/2019	17/04/2019	18/06/2019										
					Issue Actual			17/04/2019	18/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01398	TPSK-LSPA1-T-ME-01910										
					Return Date			18/06/2019	15/07/2019										
					Owner Cmmt*			R1	R2										
	ME	OL1-2M03-3050	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3050 - DEGASSER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/02/2019	16/04/2019	11/04/2019	13/06/2019										
					Issue Actual			11/04/2019	13/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01325	TPSK-LSPA1-T-ME-01893										
					Return Date			20/05/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3055	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3055 - DEGASSER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3056	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3056 - DEGASSER BOTTOM PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	06/05/2019	06/05/2019											
					Issue Actual			06/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01582											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3060	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3060 - ACETYLENE WASHER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	11/06/2019										
					Issue Actual			08/04/2019	11/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01870										
					Return Date			20/05/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3061	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3060 - ACETYLENE WASHER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	08/04/2019	06/05/2019	06/05/2019											
					Issue Actual			06/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01570											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3062	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3062 - ACETYLENE CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3063	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3060 - WASTE WATER PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3064	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3062 - C4 ACETYLENE PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	16/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			03/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3065	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3061 - WASTE HC PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	16/05/2019	10/05/2019											
					Issue Actual			10/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME -01645											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3066	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3062 - ACETYLENE ACCUMULATOR	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01563											
					Return Date			24/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3067	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3060 - C4 FEED DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	06/05/2019	06/05/2019											
					Issue Actual			06/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01570											

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3070	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3070 - DIRECT COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	13/06/2019										
					Issue Actual			08/04/2019	13/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01893										
					Return Date			20/05/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3071	MECHANICAL EQUIPMENT DATA SHEET - 10-C-3070 - RECYCLE GAS COMPRESSOR	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3073	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3070 - WATER / NMP COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	10/01/2019	31/01/2019												
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	14/03/2019										
					Issue Actual			22/01/2019	14/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00692	TPSK-LSPA1-T-ME-01066										
					Return Date			26/02/2019	02/04/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-3076	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3076 - DIRECT COOLER PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01563											
					Return Date			24/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3080	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3080 - BUTADIENE TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	13/06/2019										
					Issue Actual			08/04/2019	13/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01893										
					Return Date			20/05/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3081	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3080 - BUTADIENE TOWER REFLUX DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3082	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3080 - BUTADIENE TOWER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	16/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			03/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3083	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3080 - BUTADIENE TOWER REFLUX PUMPS	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01563											
					Return Date			24/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3084	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3084 - BUTADIENE TOWER TRIM REBOILER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LPSA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3085	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3085 - BUTADIENE TOWER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3086	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3086 - C4 / C5 HC PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	06/05/2019	06/05/2019											
					Issue Actual			06/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01570											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3090	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3090 - BUTADIENE DRYING TOWER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	14/03/2019	11/04/2019												
					Revised Plan	16/02/2019	16/04/2019	10/04/2019	13/06/2019										
					Issue Actual			10/04/2019	13/06/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01312	TPSK-LSPA1-T-ME-01893										
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-3095	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3095 - BUTADIENE DRYING TOWER REBOILER	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	15/04/2019	20/05/2019												
					Revised Plan	15/04/2019	02/05/2019	02/05/2019											
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01565											
					Return Date			29/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3097	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3096 - BUTADIENE PRODUCT PUMPS	Class 1	Purpose**	IFR	IFD	IFQ											

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					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	06/05/2019	06/05/2019										
					Issue Actual			06/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01570										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3098	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3098 - BUTADIENE PRODUCT SUBCOOLER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3100	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3100 - SOLVENT REGEN DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	13/05/2019	13/05/2019										
					Issue Actual			13/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01654										
					Return Date			03/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3110	MECHANICAL EQUIPMENT DATA SHEET - 10-T-3110 - WATER WASHER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	14/03/2019	11/04/2019											
					Revised Plan	16/02/2019	16/04/2019	08/04/2019	19/06/2019									
					Issue Actual			08/04/2019	19/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-01275	TPSK-LSPA1-T-ME-01916									
					Return Date			20/05/2019	15/07/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-3111	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3110 - WATER WASHER ACCUMULATOR	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3112	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3110 - WATER WASHER CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	13/05/2019	13/05/2019										
					Issue Actual			13/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01654										
					Return Date			03/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3113	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3110 - SOLVENT RETURN PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01563										
					Return Date			24/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3126	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3126 - EJECTOR SEAL DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	13/05/2019	13/05/2019										
					Issue Actual			13/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01654										
					Return Date			03/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3127	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3126 - WASTE WATER RETURN PUMPS	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01563										
					Return Date			24/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3150	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3150 - CONDENSATE HEATER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3151	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3150 - CONDENSATE FLASH DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	08/04/2019	13/05/2019	13/05/2019										
					Issue Actual			13/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01654										
					Return Date			03/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3160	MECHANICAL EQUIPMENT DATA SHEET - 10-E-3160 - CONDENSATE COOLER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	15/04/2019	02/05/2019	02/05/2019										
					Issue Actual			02/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01565										
					Return Date			29/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3161	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3160 - CONDENSATE DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	18/01/2019	08/02/2019											
					Revised Plan	08/04/2019	16/05/2019	13/05/2019										
					Issue Actual			13/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01654										
					Return Date			03/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-3162	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3160 - CONDENSATE RECYCLE PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	08/04/2019	02/05/2019	02/05/2019										

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
		IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval	LSP-2W91-0001 / 10
		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review	
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
		IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual			02/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01563											
					Return Date			24/05/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3180	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3180 - BLOWDOWN DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	13/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3190	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3190 - NMP SLOP DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	13/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3191	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3190 - SOLVENT SLOP PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	06/05/2019	06/05/2019											
					Issue Actual			06/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01570											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3900	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-3900 - NMP STORAGE TANK	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	25/02/2019	22/04/2019												
					Revised Plan	08/04/2019	16/05/2019	23/04/2019											
					Issue Actual			23/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01449											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3901	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3900 - NMP STORAGE PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	08/04/2019	30/04/2019	30/04/2019											
					Issue Actual			30/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01524											
					Return Date			18/06/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3902	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3902 - SOLVENT INHIBITOR DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	13/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3903	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3902 - SOLVENT INHIBITOR DOSING PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	08/04/2019	23/04/2019	23/04/2019											
					Issue Actual			23/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01451											
					Return Date			18/06/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3904	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3904 - PRODUCT INHIBITOR DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	13/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3905	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3904 - PRODUCT INHIBITOR DOSING PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	08/04/2019	23/04/2019	23/04/2019											
					Issue Actual			23/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01451											
					Return Date			18/06/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3906	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3906 - ANTI FOAM AGENT DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	13/05/2019	13/05/2019											
					Issue Actual			13/05/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01654											
					Return Date			18/06/2019											
					Owner Cmmt*			R2											
	ME	OL1-2M03-3907	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3906 - ANTIFOAM DOSING PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	08/04/2019	23/04/2019	23/04/2019											
					Issue Actual			23/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01451											
					Return Date			18/06/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-3908	MECHANICAL EQUIPMENT DATA SHEET - 10-D-3908 - PREDISTILLATION INHIBITOR DRUM	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	08/04/2019	13/05/2019												
					Revised Plan	08/04/2019	17/04/2019	17/04/2019											
					Issue Actual			17/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01389											
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M03-3909	MECHANICAL EQUIPMENT DATA SHEET - 10-P-3908 - PREDISTILLATION INHIBITOR DOSING PUMP	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	08/04/2019	23/04/2019	23/04/2019											
					Issue Actual			23/04/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-01451											
					Return Date			18/06/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Owner Cmmt*			R1										
	ME	OL1-2M03-5100	Mechanical Equipment Datasheet for Deaerator D-5100	Class 2	Purpose**	IFP												
					Rev.	0												
					Issue Plan													
					Revised Plan	01/04/2019												
					Issue Actual	01/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01209												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5101	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5100 - SHP BFW PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	20/10/2018	26/10/2018	27/10/2018	15/11/2018	11/12/2018	22/04/2019							
					Issue Actual			27/10/2018	15/11/2018	11/12/2018	22/04/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00236	TPSK-LSPA1-T-ME-00322	TPSK-LSPA1-T-ME-00476	TPSK-LSPA1-T-ME-01433							
					Return Date			19/11/2018	10/12/2018	16/01/2019	18/06/2019							
					Owner Cmmt*			R2	R1	R1	R2							
	ME	OL1-2M03-5102	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5102 - BFW PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	20/10/2018	26/10/2018	27/10/2018	11/12/2018	02/04/2019	22/04/2019							
					Issue Actual			27/10/2018	11/12/2018	02/04/2019	22/04/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00236	TPSK-LSPA1-T-ME-00476	TPSK-LSPA1-T-ME-01227	TPSK-LSPA1-T-ME-01433							
					Return Date			19/11/2018	16/01/2019		18/06/2019							
					Owner Cmmt*			R2	R1		R1							
	ME	OL1-2M03-5103	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5100 - DEARATOR VENT CONDENSER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019										
					Issue Actual			29/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00755										
					Return Date			21/02/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-5107	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5112 - SUSPECT CONDENSATE FLASH DRUM VENT CONDENSE	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	18/04/2019									
					Issue Actual			29/01/2019	18/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00755	TPSK-LSPA1-T-ME-01396									
					Return Date			21/02/2019	18/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-5108	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5110 - SUSPECT CONDENSATE COOLER	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	20/10/2018	20/10/2018											
					Revised Plan	25/01/2019	25/01/2019	25/01/2019										
					Issue Actual			25/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00723										
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5109	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5110 - CONDENSATE PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ	IFQ						
					Rev.			A	B	C	D	E						
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	20/10/2018	26/10/2018	26/10/2018	14/11/2018	11/12/2018	25/03/2019	29/03/2019						
					Issue Actual			26/10/2018	14/11/2018	11/12/2018	25/03/2019	29/03/2019						
					Transmittal no.			TPSK-LSPA1-T-ME-00235	TPSK-LSPA1-T-ME-00317	TPSK-LSPA1-T-ME-00476	TPSK-LSPA1-T-ME-01151	TPSK-LSPA1-T-ME-01197						
					Return Date			19/11/2018	21/02/2019	16/01/2019	10/04/2019							
					Owner Cmmt*			R2	R1	R1	R1							
	ME	OL1-2M03-5110	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-5110 - CONDENSATE TANK	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	18/02/2019	26/02/2019											
					Revised Plan	28/01/2019	28/01/2019	28/01/2019	22/04/2019									
					Issue Actual			28/01/2019	22/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00746	TPSK-LSPA1-T-ME-01430									
					Return Date			21/02/2019	18/06/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-5111	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5112 - SUSPECT CONDENSATE PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	20/11/2018	20/12/2018									
					Issue Actual			20/11/2018	20/12/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00341	TPSK-LSPA1-T-ME-00544									
					Return Date			13/12/2018	16/01/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-5112	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5112 - SUSPECT CONDENSATE FLASH DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019										
					Issue Actual			16/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00657										
					Return Date			11/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5113	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5113 - FOUL CONDENSATE COOLER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	01/05/2019									
					Issue Actual			29/01/2019	01/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00755	TPSK-LSPA1-T-ME-01545									
					Return Date			21/02/2019	18/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-5114	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5114 - LP CONDENSATE FLASH DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	16/01/2019										
					Issue Actual			16/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00657										
					Return Date			11/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5115	Mechanical Equipment Datasheet For Condensate Carbon Filter Package	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	13/03/2019												
					Issue Actual	13/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01040												
					Return Date	01/04/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M03-5120	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-5120 - RAW CONDENSATE TANK	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan	18/02/2019	26/02/2019											
					Revised Plan	28/01/2019	28/01/2019	28/01/2019										
					Issue Actual			28/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00746										
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5121	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5120 - RAW CONDENSATE PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	20/11/2018	20/12/2018									
					Issue Actual			20/11/2018	20/12/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00341	TPSK-LSPA1-T-ME-00544									
					Return Date			13/12/2018	16/01/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-5122	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51022 - PV-5147 Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02143												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5123	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51023 - PV-5155 Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02143												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5124	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51024 - PV-5158 Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02143												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5125	Mechanical Equipment Datasheet for Condensate Polisher Package	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	27/02/2019												
					Issue Actual	27/02/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00941												
					Return Date	01/04/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M03-5126	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51026A-H - PSV-5143A-H Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02143												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5127	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51021 - PV-5143 Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02144												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5128	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51025 - PV-5161 Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02144												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5130	Mechanical Equipment Datasheet for Vent Silencer 10-SP-51030A/B/C/D - PSV-5150A/B/C/D Outlet	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02143												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5140	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5140 - INTERMITTENT BLOWDOWN DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	20/12/2018	11/01/2019	28/05/2019								
					Issue Actual			20/12/2018	11/01/2019	28/05/2019								
					Transmittal no.			TPSK-LSPA-T-ME-00548	TPSK-LSPA1-T-ME-00638	TPSK-LSPA1-T-ME-01760								
					Return Date			24/01/2019	31/01/2019									
					Owner Cmmt*			R2	R2									
	ME	OL1-2M03-5141	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5140 - INTERMITTENT BLOWDOWN PUMPS	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	19/11/2018										
					Issue Actual			19/11/2018										
					Transmittal no.			TPSK-LSPA1-T-ME-00335										
					Return Date			13/12/2018										
					Owner Cmmt*			TP										
	ME	OL1-2M03-5150	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5150 - CONTINUOUS BLOWDOWN FLASH DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	30/05/2019									
					Issue Actual			11/01/2019	30/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00629	TPSK-LSPA1-T-ME-01780									
					Return Date			31/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5170	Mechanical Data Sheet For General Purpose Turbines PT-5100 A-B SHP BFW Pumps Turbines	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												

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LSP-2W91-0001	10
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					Transmittal no.	TPSK-LSPA1-T-ME-02130												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5171	Mechanical Data Sheet For General Purpose Steam Turbines PT-5102 A VLP BFW Pump Turbine	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02130												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5172	Mechanical Data Sheet For General Purpose Steam Turbines PT-5110 A Condensate Pump Turbine	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	15/07/2019												
					Issue Actual	15/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-02130												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M03-5200	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5200 - FUEL GAS DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019										
					Issue Actual			11/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00629										
					Return Date			31/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5201	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5200 - MP ETHYLENE SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	12/04/2019									
					Issue Actual			29/01/2019	12/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00755	TPSK-LSPA1-T-ME-01344									
					Return Date			21/02/2019	20/05/2019									
					Owner Cmmt*			R1	TP									
	ME	OL1-2M03-5202	Mechanical Equipment Data Sheet - MP Ethylene Superhtr Cond Pot	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	18/02/2019	18/02/2019	22/01/2019	30/05/2019									
					Issue Actual			22/01/2019	30/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01780									
					Return Date			15/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5210	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5210 - PILOT GAS VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	17/01/2019	17/01/2019	17/01/2019	22/04/2019									
					Issue Actual			17/01/2019	22/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00673	TPSK-LSPA1-T-ME-01436									
					Return Date			11/02/2019	18/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-5211	Mechanical Equipment Data Sheet - Pilot Gas Vaporizer Cond Pot	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	18/02/2019	18/02/2019	23/01/2019	28/03/2019									
					Issue Actual			23/01/2019	28/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00709	TPSK-LSPA1-T-ME-01186									
					Return Date			21/02/2019	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-5350	Mechanical Equipment Datasheet for Cooling Tower	Class 2	Purpose**	IFQ	IFP											
					Rev.	B	0											
					Issue Plan													
					Revised Plan	06/11/2018	25/04/2019											
					Issue Actual	06/11/2018	25/04/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00276	TPSK-LSPA1-T-ME-01476											
					Return Date	15/02/2019	18/06/2019											
					Owner Cmmt*	R1	R2											
	ME	OL1-2M03-5352	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5350 - OLEFINS COOLING WATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	11/10/2018	22/10/2018	23/10/2018	28/11/2018									
					Issue Actual			23/10/2018	28/11/2018									
					Transmittal no.			TPSK-LSPA1-T-ME-00210	TPSK-LSPA1-T-ME-00388									
					Return Date			14/11/2018	18/12/2018									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-5355	Mechanical Equipment Datasheet for Side Stream Filter Package	Class 2	Purpose**	IFQ	IFP											
					Rev.	B	0											
					Issue Plan													
					Revised Plan	31/10/2018	27/03/2019											
					Issue Actual	31/10/2018	27/03/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00248	TPSK-LSPA1-T-ME-01164											
					Return Date	27/11/2018	25/04/2019											
					Owner Cmmt*		R2											
	ME	OL1-2M03-5361	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5360 - CTU COOLING WATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ	IFQ							
					Rev.			A	B	C	D							
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	11/10/2018	22/10/2018	23/10/2018	14/11/2018	28/11/2018	11/01/2019							
					Issue Actual			23/10/2018	14/11/2018	28/11/2018	11/01/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00210	TPSK-LSPA1-T-ME-00317	TPSK-LSPA1-T-ME-00388	TPSK-LSPA1-T-ME-00627							
					Return Date			14/11/2018	21/02/2019	18/12/2018	31/01/2019							
					Owner Cmmt*			R2	R1	R1	R1							
	ME	OL1-2M03-5371	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5370 - CW FILTER BACKWASH PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	12/03/2019	22/04/2019								
					Issue Actual			24/01/2019	12/03/2019	22/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-01038	TPSK-LSPA1-T-ME-01426								
					Return Date			21/02/2019	29/03/2019	18/06/2019								
					Owner Cmmt*			R2	R1	R1								
	ME	OL1-2M03-5390	MECHANICAL EQUIPMENT DATASHEET FOR COPPER CORROSION INHIBITOR INJECTION PACKAGE TAG: 10-P	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01490												
					Return Date	18/06/2019												
					Owner Cmmt*	R1												

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
	ME	OL1-2M03-5392	MECHANICAL EQUIPMENT DATASHEET FOR MILD STEEL CORROSION INHIBITOR INJECTION PACKAGE TAG: 1	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01490												
					Return Date	18/06/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M03-5394	MECHANICAL EQUIPMENT DATASHEET FOR DISPERSANT INJECTION PACKAGE TAG: 10-PK-5394	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01490												
					Return Date	18/06/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M03-5397	MECHANICAL EQUIPMENT DATASHEET FOR NON-OXIDIZING BIOCIDE INJECTION PACKAGE TAG: 10-PK-5397	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01490												
					Return Date	18/06/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M03-5400	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5400 - INSTRUMENT AIR RECEIVER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	22/05/2019									
					Issue Actual			22/01/2019	22/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00685	TPSK-LSPA1-T-ME-01723									
					Return Date			15/02/2019										
					Owner Cmmt*			R1										
	ME	OL1-2M03-5500	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5500 - WARM FLARE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	13/12/2018	30/04/2019									
					Issue Actual			13/12/2018	30/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00483	TPSK-LSPA1-T-ME-01535									
					Return Date			22/01/2019	18/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-5501	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5500 - HOT BLOWDOWN PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	27/12/2018	16/01/2019	10/01/2019	07/02/2019	20/03/2019								
					Issue Actual			10/01/2019	07/02/2019	20/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00616	TPSK-LSPA1-T-ME-00822	TPSK-LSPA1-T-ME-01102								
					Return Date			30/01/2019	21/02/2019	10/04/2019								
					Owner Cmmt*			R2	R1	R1								
	ME	OL1-2M03-5510	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5510 - COLD FLARE DRUM	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019										
					Issue Actual			11/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00629										
					Return Date			31/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5511	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5510 - COLD FLARE BLOWDOWN VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	26/04/2019									
					Issue Actual			29/01/2019	26/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00755	TPSK-LSPA1-T-ME-01495									
					Return Date			21/02/2019	18/06/2019									
					Owner Cmmt*			R1	R2									
	ME	OL1-2M03-5512	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5512 - COLD FLARE SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019	03/04/2019									
					Issue Actual			29/01/2019	03/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00755	TPSK-LSPA1-T-ME-01247									
					Return Date			21/02/2019	20/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-5513	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5513 - METHANOL VAPORIZER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	15/04/2019	20/05/2019											
					Revised Plan	25/01/2019	25/01/2019	25/01/2019	29/03/2019									
					Issue Actual			25/01/2019	29/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00723	TPSK-LSPA1-T-ME-01205									
					Return Date			21/02/2019	02/05/2019									
					Owner Cmmt*			R1	TP									
	ME	OL1-2M03-5514	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5513 - METHANOL VAPROIZER COND POT	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	23/01/2019	23/01/2019	23/01/2019	28/03/2019									
					Issue Actual			23/01/2019	28/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00709	TPSK-LSPA1-T-ME-01186									
					Return Date			21/02/2019	02/05/2019									
					Owner Cmmt*			R1	R1									
	ME	OL1-2M03-5515	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5515 - METHANOL MAKE-UP DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	08/01/2019	04/06/2019									
					Issue Actual			08/01/2019	04/06/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00607	TPSK-LSPA1-T-ME-01803									
					Return Date			28/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5520	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5520 - VENT COLLECTION DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	08/04/2019	13/05/2019											
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	30/05/2019									
					Issue Actual			11/01/2019	30/05/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00638	TPSK-LSPA1-T-ME-01783									
					Return Date			31/01/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5522	Mechanical Equipment Datasheet - LP Vent Blower	Class 2	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	18/02/2019	18/02/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days
					Revised Plan	18/02/2019	18/02/2019	11/01/2019									
					Issue Actual			11/01/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00640									
					Return Date			11/02/2019									
					Owner Cmmt*			R1									
	ME	OL1-2M03-5550	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5550 - HP FLARE KNOCK OUT DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ							
					Rev.			A	B	C							
					Issue Plan	08/04/2019	13/05/2019										
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	20/03/2019	29/05/2019							
					Issue Actual			11/01/2019	20/03/2019	29/05/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00629	TPSK-LSPA1-T-ME-01114	TPSK-LSPA1-T-ME-01764							
					Return Date			31/01/2019									
					Owner Cmmt*			R2									
	ME	OL1-2M03-5551	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5550 - HP FLARE KNOCK OUT DRUM PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	27/12/2018	16/01/2019	10/01/2019	30/04/2019								
					Issue Actual			10/01/2019	30/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00616	TPSK-LSPA1-T-ME-01524								
					Return Date			30/01/2019	18/06/2019								
					Owner Cmmt*			R1	R2								
	ME	OL1-2M03-5552	MECHANICAL EQUIPMENT DATA SHEET - 10-D-5552 - LPG STORAGE DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	08/04/2019	13/05/2019										
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	30/05/2019								
					Issue Actual			11/01/2019	30/05/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00638	TPSK-LSPA1-T-ME-01783								
					Return Date			31/01/2019									
					Owner Cmmt*			R2									
	ME	OL1-2M03-5553	MECHANICAL EQUIPMENT DATA SHEET - 10-E-5552 - LPG VAPORIZER / SUPERHEATER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	15/04/2019	20/05/2019										
					Revised Plan	22/01/2019	22/01/2019	22/01/2019	22/04/2019								
					Issue Actual			22/01/2019	22/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00684	TPSK-LSPA1-T-ME-01436								
					Return Date			11/02/2019	18/06/2019								
					Owner Cmmt*			R1	R2								
	ME	OL1-2M03-5555	Mechanical Equipment Data Sheet - LPG Vaporizer-Superhtr Cond Pot	Class 2	Purpose**	IFR	IFD	IFQ	IFQ	IFQ							
					Rev.			A	B	C							
					Issue Plan	08/04/2019	13/05/2019										
					Revised Plan	18/02/2019	18/02/2019	23/01/2019	28/03/2019	30/05/2019							
					Issue Actual			23/01/2019	28/03/2019	30/05/2019							
					Transmittal no.			TPSK-LSPA1-T-ME-00709	TPSK-LSPA1-T-ME-01186	TPSK-LSPA1-T-ME-01783							
					Return Date			21/02/2019	02/05/2019								
					Owner Cmmt*			R1	R1								
	ME	OL1-2M03-5560	Mechanical Data Sheet for HP / Polyolefins Flare Package	Class 2	Purpose**	IFQ	IFP										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	17/01/2019	25/06/2019										
					Issue Actual	17/01/2019	25/06/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00667	TPSK-LSPA1-T-ME-01969										
					Return Date	08/02/2019	15/07/2019										
					Owner Cmmt*	R2	R1										
	ME	OL1-2M03-5565	MECHANICAL EQUIPMENT DATA SHEET- 10-D-5565 - LLDPE LP FLARE KNOCK OUT DRUM	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	08/04/2019	13/05/2019										
					Revised Plan	23/01/2019	23/01/2019	23/01/2019	04/06/2019								
					Issue Actual			23/01/2019	04/06/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00709	TPSK-LSPA1-T-ME-01803								
					Return Date			21/02/2019									
					Owner Cmmt*			R2									
	ME	OL1-2M03-5566	Mechanical Equipment Datasheet - Polyolefins Flare Knock-Out Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	18/02/2019	18/02/2019	24/01/2019	22/04/2019								
					Issue Actual			24/01/2019	22/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-01426								
					Return Date			21/02/2019	18/06/2019								
					Owner Cmmt*			R2	R2								
	ME	OL1-2M03-5606	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5600 - PYGAS AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	07/02/2019	07/02/2019	07/02/2019	08/04/2019								
					Issue Actual			07/02/2019	08/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00817	TPSK-LSPA1-T-ME-01279								
					Return Date			15/03/2019	16/05/2019								
					Owner Cmmt*			R1	R1								
	ME	OL1-2M03-5607	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5601 - BUTADIENE AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	01/03/2019								
					Issue Actual			24/01/2019	01/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962								
					Return Date			21/02/2019	15/03/2019								
					Owner Cmmt*			R2	R1								
	ME	OL1-2M03-5608	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5602 - QW AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	01/03/2019								
					Issue Actual			24/01/2019	01/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962								
					Return Date			21/02/2019	15/03/2019								
					Owner Cmmt*			R2	R1								
	ME	OL1-2M03-5609	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5603 - CGC AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	01/03/2019								
					Issue Actual			24/01/2019	01/03/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962								
					Return Date			21/02/2019	15/03/2019								
					Owner Cmmt*			R2	R1								
	ME	OL1-2M03-5611	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5610 - HYDROBLAST PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ								
					Rev.			A	B								
					Issue Plan	28/02/2019	07/05/2019										
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	08/04/2019								
					Issue Actual			24/01/2019	08/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-01279								

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Return Date			21/02/2019	16/05/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-5612	MECHANICAL EQUIPMENT DATA SHEET - 10-F-5610 - HYDROBLAST FILTER	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	25/02/2019	18/03/2019												
					Revised Plan	16/01/2019	16/01/2019	11/01/2019	25/03/2019										
					Issue Actual			11/01/2019	25/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00639	TPSK-LSPA1-T-ME-01141										
					Return Date			30/01/2019	11/04/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-5613	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5604 - REFRIG AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	01/03/2019										
					Issue Actual			24/01/2019	01/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962										
					Return Date			21/02/2019	15/03/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-5614	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5605 - FURNACE AREA OILY WATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	01/03/2019										
					Issue Actual			24/01/2019	01/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962										
					Return Date			21/02/2019	15/03/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-5616	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5615 - OLEFINS STORMWATER SUMP PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	01/03/2019										
					Issue Actual			24/01/2019	01/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962										
					Return Date			21/02/2019	15/03/2019										
					Owner Cmmt*			R2	R1										
	ME	OL1-2M03-5621	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5621 - OLEFINS HOLDING BASIN SKIM OIL PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	28/01/2019	28/01/2019	28/01/2019	20/03/2019										
					Issue Actual			28/01/2019	20/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -00742	TPSK-LSPA1-T-ME-01102										
					Return Date			21/02/2019	10/04/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-5622	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5620 - OLEFINS HOLDING BASIN PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	24/01/2019	24/01/2019	24/01/2019	17/04/2019										
					Issue Actual			24/01/2019	17/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-01390										
					Return Date			21/02/2019	18/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-5623	Mechanical Equipment Datasheet - Gate House Septic Tank Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	18/02/2019	18/02/2019	13/02/2019	15/04/2019										
					Issue Actual			13/02/2019	15/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -00847	TPSK-LSPA1-T-ME-01363										
					Return Date			11/03/2019	17/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-5624	Mechanical Equipment Datasheet - West Gate House Septic Tank Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	18/02/2019	18/02/2019	13/02/2019	15/04/2019										
					Issue Actual			13/02/2019	15/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -00847	TPSK-LSPA1-T-ME-01363										
					Return Date			11/03/2019	17/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-5625	Mechanical Equipment Datasheet - East Gate House Septic Tank Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	18/02/2019	18/02/2019	13/02/2019	15/04/2019										
					Issue Actual			13/02/2019	15/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME -00847	TPSK-LSPA1-T-ME-01363										
					Return Date			11/03/2019	17/06/2019										
					Owner Cmmt*			R2	R2										
	ME	OL1-2M03-5635	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5630 - CT AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	07/02/2019	07/02/2019	07/02/2019											
					Issue Actual			07/02/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00817											
					Return Date			15/03/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-5636	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5631 - CWWT AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ											
					Rev.			A											
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	07/02/2019	07/02/2019	07/02/2019											
					Issue Actual			07/02/2019											
					Transmittal no.			TPSK-LSPA1-T-ME-00817											
					Return Date			15/03/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-5637	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5632 - HP FLARE AREA OILY WASTEWATER PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	07/02/2019	07/02/2019	07/02/2019	20/03/2019										
					Issue Actual			07/02/2019	20/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00817	TPSK-LSPA1-T-ME-01102										
					Return Date			15/03/2019	10/04/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-5638	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5633 - HP FLARE AREA STORMWATER SUMP PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	28/02/2019	07/05/2019												
					Revised Plan	07/02/2019	07/02/2019	07/02/2019	20/03/2019										
					Issue Actual			07/02/2019	20/03/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00817	TPSK-LSPA1-T-ME-01102										
					Return Date			15/03/2019	10/04/2019										
					Owner Cmmt*			R1	R1										
	ME	OL1-2M03-5640	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-5640 - OILY WASTEWATER EQUALIZATION TANKS	Class 1	Purpose**	IFR	IFD	IFQ											

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.			A										
					Issue Plan	18/02/2019	26/02/2019											
					Revised Plan	16/02/2019	26/02/2019	26/02/2019										
					Issue Actual			26/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00926										
					Return Date			15/03/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5641	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5641 - WASTEWATER EQ TANK SKIMMED OIL PUMP	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	16/04/2019	09/04/2019										
					Issue Actual			09/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01292										
					Return Date			16/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5643	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5642 - COOLING WATER BD BASIN PUMPS	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	06/05/2019	06/05/2019										
					Issue Actual			06/05/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01582										
					Return Date			18/06/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5644	Mechanical Equipment Datasheet For Complex Waste Water Treatment Package	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	15/02/2019												
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00863												
					Return Date	17/05/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M03-5645	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5640 - OILY WASTEWATER EQ TANK PUMPS	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	16/02/2019	16/04/2019	09/04/2019										
					Issue Actual			09/04/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-01292										
					Return Date			16/05/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5648	Mechanical Equipment Datasheet - C3 Hydrog Area Oily Wastewater Pump	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	18/02/2019	18/02/2019	24/01/2019	01/03/2019									
					Issue Actual			24/01/2019	01/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962									
					Return Date			21/02/2019	15/03/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-5649	Mechanical Equipment Datasheet - Flare KO Drum Oily Wastewater Pump	Class 2	Purpose**	IFR	IFD	IFQ	IFQ									
					Rev.			A	B									
					Issue Plan	28/02/2019	07/05/2019											
					Revised Plan	18/02/2019	18/02/2019	24/01/2019	01/03/2019									
					Issue Actual			24/01/2019	01/03/2019									
					Transmittal no.			TPSK-LSPA1-T-ME-00716	TPSK-LSPA1-T-ME-00962									
					Return Date			21/02/2019	15/03/2019									
					Owner Cmmt*			R2	R1									
	ME	OL1-2M03-5900	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-5900 - SULFURIC ACID TANK	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	18/02/2019	26/02/2019											
					Revised Plan	29/01/2019	29/01/2019	29/01/2019										
					Issue Actual			29/01/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00754										
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5901	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5900 - SULFURIC ACID PUMPS	Class 1	Purpose**	IFR	IFD	IFQ										
					Rev.			A										
					Issue Plan	27/12/2018	17/01/2019											
					Revised Plan	16/02/2019	16/02/2019	01/02/2019										
					Issue Actual			01/02/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00787										
					Return Date			21/02/2019										
					Owner Cmmt*			R2										
	ME	OL1-2M03-5902	Mechanical Equipment Datasheet - Sulfuric Acid Metering Pumps	Class 2	Purpose**	IFR	IFD	IFQ	IFQ	IFQ								
					Rev.			A	B	C								
					Issue Plan	27/12/2018	17/01/2019											
					Revised Plan	18/02/2019	18/02/2019	01/02/2019	08/04/2019	17/04/2019								
					Issue Actual			01/02/2019	08/04/2019	17/04/2019								
					Transmittal no.			TPSK-LSPA1-T-ME-00787	TPSK-LSPA1-T-ME-01279	TPSK-LSPA1-T-ME-01390								
					Return Date			21/02/2019		18/06/2019								
					Owner Cmmt*			R2		R2								
	ME	OL1-2M03-5903	Mechanical Equipment Datasheet - Sulfuric Acid Distribution Pumps	Class 2	Purpose**	IFQ	IFQ											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	15/04/2019	21/05/2019											
					Issue Actual	15/04/2019	21/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-01363	TPSK-LSPA1-T-ME-01710											
					Return Date	17/06/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M03-5905	Mechanical Equipment Datasheet - CTU Sulfuric Acid Metering Pumps	Class 2	Purpose**	IFQ	IFQ											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	09/04/2019	17/04/2019											
					Issue Actual	09/04/2019	17/04/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-01292	TPSK-LSPA1-T-ME-01390											
					Return Date		18/06/2019											
					Owner Cmmt*		R2											
	ME	OL1-2M03-5910	MECHANICAL EQUIPMENT DATASHEET FOR OXYGEN SCAVENGER INJECTION PACKAGE TAG: 10-PK-5910	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01490												
					Return Date	18/06/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M03-5912	MECHANICAL EQUIPMENT DATASHEET FOR NEUTRALIZATION AMINE INHIBITOR INJECTION PACKAGE TAG: 1	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-5914	MECHANICAL EQUIPMENT DATASHEET FOR PHOSPHATE INJECTION PACKAGE TAG: 10-PK-5914	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01490													
					Return Date	18/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-5950	MECHANICAL EQUIPMENT DATA SHEET - 10-TK-5950 - SODIUM HYPOCHLORITE TANK	Class 1	Purpose**	IFR	IFD	IFQ	IFQ										
					Rev.			A	B										
					Issue Plan	18/02/2019	26/02/2019												
					Revised Plan	16/02/2019	16/02/2019	11/02/2019	08/07/2019										
					Issue Actual			11/02/2019	08/07/2019										
					Transmittal no.			TPSK-LSPA1-T-ME-00839	TPSK-LSPA1-T-ME-02086										
					Return Date			28/02/2019											
					Owner Cmmt*			R1											
	ME	OL1-2M03-5951	MECHANICAL EQUIPMENT DATA SHEET - 10-P-5950 - SODIUM HYPOCHLORITE METERING PUMPS	Class 1	Purpose**	IFR	IFD	IFQ	IFQ	IFQ									
					Rev.			A	B	C									
					Issue Plan	27/12/2018	17/01/2019												
					Revised Plan	16/02/2019	16/02/2019	28/01/2019	08/04/2019	17/04/2019									
					Issue Actual			28/01/2019	08/04/2019	17/04/2019									
					Transmittal no.			TPSK-LSPA1-T-ME -00742	TPSK-LSPA1-T-ME-01279	TPSK-LSPA1-T-ME-01390									
					Return Date			21/02/2019		18/06/2019									
					Owner Cmmt*			R2		R2									
	ME	OL1-2M03-5955	Mechanical Equipment Datasheet - CTU NaCOl Metering Pumps	Class 2	Purpose**	IFQ	IFQ												
					Rev.	A	B												
					Issue Plan														
					Revised Plan	09/04/2019	17/04/2019												
					Issue Actual	09/04/2019	17/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01292	TPSK-LSPA1-T-ME-01390												
					Return Date		18/06/2019												
					Owner Cmmt*		R2												
	ME	OL1-2M03-6004	Mechanical Equipment Datasheet For Cracked Gas Compressor Bridge Crane (10-EL-2300)	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	22/02/2019													
					Issue Actual	22/02/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-00913													
					Return Date	05/04/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-6005	Mechanical Equipment Datasheet For Ethylene And Propylene Compressor Bridge Crane (10-EL-2800)	Class 2	Purpose**	IFQ													
					Rev.	A													
					Issue Plan														
					Revised Plan	22/02/2019													
					Issue Actual	22/02/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-00913													
					Return Date	05/04/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-7000	Mechanical Equipment Data Sheet 10-d-D-2415 CG Liquid Dryer Feed Coalescer	Class 2	Purpose**	IFP													
					Rev.	0													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01682													
					Return Date	19/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-7001	Mechanical Equipment Data Sheet 10-D-765 C4-C5 Hydrog Coalescer Drum	Class 2	Purpose**	IFP													
					Rev.	0													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01682													
					Return Date	19/06/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M03-7002	Mechanical Equipment Data Sheet 10-D-2136 Process Water Feed Coalescer	Class 2	Purpose**	IFP													
					Rev.	0													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01682													
					Return Date	19/06/2019													
					Owner Cmmt*	R1													
Category Code: M04 Mechanical design basic / philosophy / logic diagram																			
Category Code: M05 Mechanical calculation sheet / report																			
Category Code: M06 Mechanical equipment drawing																			
	ME	OL1-2M06-1001	USC 36M FURNACE GENERAL ARRANGEMENT CROSS SECTION ELEVATION	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	08/01/2019	13/03/2019	14/10/2019											
					Revised Plan	16/11/2018	16/04/2019	14/10/2019	15/04/2019	26/06/2019									
					Issue Actual	16/11/2018			15/04/2019	26/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00327			TPSK-LSPA1-T-ME-01361	TPSK-LSPA1-T-ME-01993									
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-1002	USC 36M FURNACE GENERAL ARRANGEMENT LONGITUDINAL ELEVATION	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	08/01/2019	13/03/2019	14/10/2019											
					Revised Plan	16/11/2018	16/04/2019	14/10/2019	15/04/2019	26/06/2019									
					Issue Actual	16/11/2018			15/04/2019	26/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00327			TPSK-LSPA1-T-ME-01361	TPSK-LSPA1-T-ME-01993									
					Return Date	24/05/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-1004	USC 36M FURNACE GENERAL ARRANGEMENT INSTRUMENTATION	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	08/01/2019	13/03/2019	14/10/2019											
					Revised Plan	30/01/2019	26/04/2019	14/10/2019	26/04/2019	26/06/2019									
					Issue Actual	30/01/2019			26/04/2019	26/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00764			TPSK-LSPA1-T-ME-01500	TPSK-LSPA1-T-ME-01993									
					Return Date	21/02/2019													
					Owner Cmmt*	R2													
	ME	OL1-2M06-1005	USC 36M Recycle Furnace General Arrangement Instrumentation Sections	Class 2	Purpose**	IFR	IMP	IMP											
					Rev.	A	0	1											
					Issue Plan														
					Revised Plan	30/01/2019	26/04/2019	26/06/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Issue Actual	30/01/2019	26/04/2019	26/06/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00764	TPSK-LSPA1-T-ME-01500	TPSK-LSPA1-T-ME-01993										
					Return Date	21/02/2019												
					Owner Cmmt*	R2												
	ME	OL1-2M06-1101	USC 36M FURNACE REFRACTORY & INSULATION RADIANT SECTION DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP								
					Rev.	A			0	1								
					Issue Plan	23/01/2019	20/02/2019	20/02/2019										
					Revised Plan	14/03/2019	13/05/2019	13/05/2019	13/05/2019	12/06/2019								
					Issue Actual	14/03/2019			13/05/2019	12/06/2019								
					Transmittal no.	TPSK-LSPA1-T-ME-01065			TPSK-LSPA1-T-ME-01653	TPSK-LSPA1-T-ME-01876								
					Return Date	02/04/2019			13/06/2019									
					Owner Cmmt*	R1			R1									
	ME	OL1-2M06-1102	USC 36M FURNACE REFRACTORY & INSULATION CONVECTION SECTION DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP									
					Rev.	A			0									
					Issue Plan	23/01/2019	20/02/2019	20/02/2019										
					Revised Plan	14/03/2019	13/05/2019	13/05/2019	13/05/2019									
					Issue Actual	14/03/2019			13/05/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-01065			TPSK-LSPA1-T-ME-01653									
					Return Date	02/04/2019			13/06/2019									
					Owner Cmmt*	R1			R1									
	ME	OL1-2M06-1103	USC 36M FURNACE INSULATION INSTALLATION DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual	14/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01065												
					Return Date	02/04/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-1104	USC 36M FURNACE REFRACTORY AND INSULATION ANCHOR DETAILS	Class 3	Purpose**	IFR	IFD	IFF	IMP									
					Rev.	A			0									
					Issue Plan	23/01/2019	20/02/2019	20/02/2019										
					Revised Plan	14/03/2019	13/05/2019	13/05/2019	13/05/2019									
					Issue Actual	14/03/2019			13/05/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-01065			TPSK-LSPA1-T-ME-01653									
					Return Date	02/04/2019			13/06/2019									
					Owner Cmmt*	R2			R1									
	ME	OL1-2M06-1105	USC 36M FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual	14/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01065												
					Return Date	02/04/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-1106	USC 36M FURNACE PEEP DOOR INSERT DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual	14/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01065												
					Return Date	02/04/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-1107	USC 36M FURNACE USX ASSEMBLY INSULATION DETAILS	Class 3	Purpose**	IFR	IFD											
					Rev.	A												
					Issue Plan	28/01/2019	25/02/2019											
					Revised Plan	08/05/2019	10/06/2019											
					Issue Actual	08/05/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01619												
					Return Date	31/05/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-1108	USC 36M FURNACE DECOKE NOZZLE DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual	14/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01065												
					Return Date	02/04/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-1109	USC 36M FURNACE SEAL BOOT DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	01/09/2019		17/09/2019										
					Revised Plan	01/09/2019	16/04/2019	17/09/2019										
					Issue Actual		16/04/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-01368											
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-1110	USC 36M FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-1201	USC 36M FURNACE RADIANT COIL ASSEMBLY AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP									
					Rev.	A			0									
					Issue Plan	18/09/2018	07/12/2018	31/01/2019										
					Revised Plan	18/09/2018	11/12/2018	16/01/2019	13/12/2018									
					Issue Actual	08/10/2018			13/12/2018									
					Transmittal no.	TPSK-LSPA1-T-ME-00062			TPSK-LSPA1-T-ME-00486									
					Return Date	21/02/2019			16/01/2019									
					Owner Cmmt*	R2			R1									
	ME	OL1-2M06-1202	USC 36M FURNACE TRANSFER LINE & CLEAN OUT DETAILS	Class 2	Purpose**	IFR	IFC											
					Rev.	A												
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual	08/10/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00062												
					Return Date	21/02/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-1203	USC 36M FURNACE RADIANT COIL TUBESKIN THERMOCOUPLE DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP									
					Rev.	A			0									
					Issue Plan	18/09/2018	07/12/2018	31/01/2019										
					Revised Plan	18/09/2018	11/12/2018	16/01/2019	13/12/2018									
					Issue Actual	08/10/2018			13/12/2018									
					Transmittal no.	TPSK-LSPA1-T-ME-00062			TPSK-LSPA1-T-ME-00486									
					Return Date	21/02/2019			16/01/2019									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)		***Classification
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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*	R1			R1										
	ME	OL1-2M06-1204	USC 36M FURNACE FABRICATION ASSEMBLY OF CONVECTION COILS, FINNED TUBES, AND BILL OF MATERIAL	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP	IMP								
					Rev.	A			0	1	2								
					Issue Plan	16/10/2018	17/12/2018	20/03/2019											
					Revised Plan	16/10/2018	13/02/2019	16/04/2019	13/02/2019	15/04/2019	28/05/2019								
					Issue Actual	16/10/2018			13/02/2019	15/04/2019	28/05/2019								
					Transmittal no.	TPSK-LSPA1-T-ME-00182			TPSK-LSPA1-T-ME-00848	TPSK-LSPA1-T-ME-01356	TPSK-LSPA1-T-ME-01754								
					Return Date				07/03/2019	24/05/2019	21/06/2019								
					Owner Cmmt*				R1	R1	R1								
	ME	OL1-2M06-1206	USC 36M CRACKING FURNACE RADIANT COIL ASSEMBLY KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	18/09/2018	07/12/2018	31/01/2019											
					Revised Plan	31/05/2019	31/05/2019	31/05/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-1301	USC 36M FURNACE CONVECTION CAST INTERMEDIATE TUBE SUPPORTS AND DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		0												
					Issue Plan	17/12/2018		28/01/2019											
					Revised Plan	10/12/2018	07/11/2018	16/01/2019											
					Issue Actual		07/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00286												
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-1302	USC 36M FURNACE CONVECTION CAST INTERMEDIATE TUBE SUPPORT DETAILS	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		0												
					Issue Plan	17/12/2018		28/01/2019											
					Revised Plan	10/12/2018	07/11/2018	16/01/2019											
					Issue Actual		07/11/2018												
					Transmittal no.		TPSK-LSPA1-T-ME-00286												
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-1303	USC 36M FURNACE CONVECTION CAST INTERMEDIATE TUBE SUPPORT LOCATION	Class 3	Purpose**	IFR	IFI	IFC											
					Rev.		A												
					Issue Plan	17/12/2018		28/01/2019											
					Revised Plan	16/04/2019	09/04/2019	17/05/2019											
					Issue Actual		09/04/2019												
					Transmittal no.		TPSK-LSPA1-T-ME-01290												
					Return Date		15/05/2019												
					Owner Cmmt*		R1												
	ME	OL1-2M06-2001	USC 132SU FURNACE GENERAL ARRANGEMENT CROSS SECTION ELEVATION	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	08/01/2019	13/03/2019	14/10/2019											
					Revised Plan	16/11/2018	16/04/2019	14/10/2019	16/04/2019	26/06/2019									
					Issue Actual	16/11/2018			16/04/2019	26/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00328			TPSK-LSPA1-T-ME-01369	TPSK-LSPA1-T-ME-01993									
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2002	USC 132SU FURNACE GENERAL ARRANGEMENT LONGITUDINAL ELEVATION	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	08/01/2019	13/03/2019	14/10/2019											
					Revised Plan	16/11/2018	16/04/2019	14/10/2019	16/04/2019	26/06/2019									
					Issue Actual	16/11/2018			16/04/2019	26/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00328			TPSK-LSPA1-T-ME-01369	TPSK-LSPA1-T-ME-01993									
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2004	USC 132SU FURNACE GENERAL ARRANGEMENT INSTRUMENTATION	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	08/01/2019	13/03/2019	14/10/2019											
					Revised Plan	30/01/2019	26/04/2019	14/10/2019	26/04/2019	26/06/2019									
					Issue Actual	30/01/2019			26/04/2019	26/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00766			TPSK-LSPA1-T-ME-01500	TPSK-LSPA1-T-ME-01993									
					Return Date	21/02/2019													
					Owner Cmmt*	R2													
	ME	OL1-2M06-2005	USC 132U Cracking Furnace General Arrangement Instrumentation Sections	Class 2	Purpose**	IFR	IMP												
					Rev.	A	1												
					Issue Plan														
					Revised Plan	30/01/2019	26/06/2019												
					Issue Actual	30/01/2019	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00768	TPSK-LSPA1-T-ME-01993												
					Return Date	21/02/2019													
					Owner Cmmt*	R2													
	ME	OL1-2M06-2019	USC 132U Cracking Furnace Seal Boot Details	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	16/04/2019													
					Issue Actual	16/04/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01368													
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2101	USC 132U FURNACE REFRACTORY & INSULATION RADIANT SECTION DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP									
					Rev.	A			0	1									
					Issue Plan	23/01/2019	20/02/2019	20/02/2019											
					Revised Plan	14/03/2019	13/05/2019	13/05/2019	13/05/2019	12/06/2019									
					Issue Actual	14/03/2019			13/05/2019	12/06/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-01065			TPSK-LSPA1-T-ME-01653	TPSK-LSPA1-T-ME-01876									
					Return Date	02/04/2019			13/06/2019										
					Owner Cmmt*	R1			R1										
	ME	OL1-2M06-2102	USC 132U FURNACE REFRACTORY & INSULATION CONVECTION SECTION DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP										
					Rev.	A			0										
					Issue Plan	23/01/2019	20/02/2019	20/02/2019											
					Revised Plan	16/02/2019	13/05/2019	13/05/2019	13/05/2019										
					Issue Actual	14/03/2019			13/05/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-01065			TPSK-LSPA1-T-ME-01653										
					Return Date	02/04/2019			13/06/2019										
					Owner Cmmt*	R1			R1										
	ME	OL1-2M06-2103	USC 132U FURNACE INSULATION INSTALLATION DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual	14/03/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01065													
					Return Date	02/04/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-2104	USC 132U FURNACE REFRACTORY AND INSULATION ANCHOR DETAILS	Class 3	Purpose**	IFR	IFD	IFF	IMP										
					Rev.	A			0										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Plan	23/01/2019	20/02/2019	20/02/2019											
					Revised Plan	14/03/2019	13/05/2019	13/05/2019	13/05/2019										
					Issue Actual	14/03/2019			13/05/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-01065			TPSK-LSPA1-T-ME-01653										
					Return Date	02/04/2019			13/06/2019										
					Owner Cmmt*	R2			R1										
	ME	OL1-2M06-2105	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual	14/03/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01065													
					Return Date	02/04/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-2106	USC 132U FURNACE PEEP DOOR INSERT DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual	14/03/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01065													
					Return Date	02/04/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-2107	USC 132U FURNACE USX ASSEMBLY INSULATION DETAILS	Class 3	Purpose**	IFR	IFD												
					Rev.	A													
					Issue Plan	28/01/2019	25/02/2019												
					Revised Plan	08/05/2019	10/06/2019												
					Issue Actual	08/05/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01619													
					Return Date	31/05/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-2108	USC 132U FURNACE DECOKE NOZZLE DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual	14/03/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01065													
					Return Date	02/04/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-2109	USC 132U FURNACE SEAL BOOT DETAILS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2110	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2201	USC 132U FURNACE RADIANT COIL ASSEMBLY AND DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP										
					Rev.	A			0										
					Issue Plan	18/09/2018	07/12/2018	31/01/2019											
					Revised Plan	18/09/2018	11/12/2018	16/01/2019	13/12/2018										
					Issue Actual	08/10/2018			13/12/2018										
					Transmittal no.	TPSK-LSPA1-T-ME-00062			TPSK-LSPA1-T-ME-00486										
					Return Date	21/02/2019			16/01/2019										
					Owner Cmmt*	R2			R1										
	ME	OL1-2M06-2202	USC 132U FURNACE TRANSFER LINE & CLEAN OUT DETAILS	Class 2	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	01/09/2019	17/09/2019												
					Revised Plan	01/09/2019	17/09/2019												
					Issue Actual	08/10/2018													
					Transmittal no.	TPSK-LSPA1-T-ME-00062													
					Return Date	21/02/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M06-2203	USC 132U FURNACE RADIANT COIL TUBESKIN THERMOCOUPLE DETAILS	Class 2	Purpose**	IFR	IFD	IFF	IMP										
					Rev.	A			0										
					Issue Plan	18/09/2018	07/12/2018	31/01/2019											
					Revised Plan	18/09/2018	11/12/2018	16/01/2019	13/12/2018										
					Issue Actual	08/10/2018			13/12/2018										
					Transmittal no.	TPSK-LSPA1-T-ME-00062			TPSK-LSPA1-T-ME-00486										
					Return Date	21/02/2019			16/01/2019										
					Owner Cmmt*	R1			R1										
	ME	OL1-2M06-2204	USC 132U FURNACE FABRICATION ASSEMBLY OF CONVECTION COILS, FINNED TUBES, AND BILL OF MATERIA	Class 2	Purpose**	IFR	IFD	IFF	IMP	IMP	IMP								
					Rev.	A			0	1	2								
					Issue Plan	16/10/2018	17/12/2018	20/03/2019											
					Revised Plan	16/10/2018	11/02/2019	16/04/2019	13/02/2019	15/04/2019	28/05/2019								
					Issue Actual	16/10/2018			13/02/2019	15/04/2019	28/05/2019								
					Transmittal no.	TPSK-LSPA1-T-ME-00182			TPSK-LSPA1-T-ME-00848	TPSK-LSPA1-T-ME-01356	TPSK-LSPA1-T-ME-01754								
					Return Date				07/03/2019	24/05/2019	21/06/2019								
					Owner Cmmt*				R1	R1	R1								
	ME	OL1-2M06-2206	USC 132U CRACKING FURNACE RADIANT COIL ASSEMBLY KEY PLAN	Class 2	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	18/09/2018	07/12/2018	31/01/2019											
					Revised Plan	31/05/2019	31/05/2019	31/05/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2207	DILUTION STEAM MIXING TEE DRAWING	Class 3	Purpose**	IFR	IFI	IFD											
					Rev.		0												
					Issue Plan	21/12/2018		23/01/2019											
					Revised Plan	30/01/2019	23/01/2019	18/03/2019											
					Issue Actual		23/01/2019												
					Transmittal no.		TPSK-LSPA1-T-ME-00669												
					Return Date														
					Owner Cmmt*														
	ME	OL1-2M06-2207-	USC 132U Cracking Furnace Dilution Mixing Tee Details	Class 2	Purpose**	IMP													
					Rev.	1													
					Issue Plan														
					Revised Plan	26/04/2019													
					Issue Actual	26/04/2019													

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-ME-01509												
					Return Date	31/05/2019												
					Owner Cmmt*	R1												
	ME	OL1-2M06-2301	USC 132SU FURNACE CONVECTION CAST INTERMEDIATE TUBE SUPPORT & DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	17/12/2018		28/01/2019										
					Revised Plan	10/12/2018	08/11/2018	16/01/2019										
					Issue Actual		08/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00289											
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-2302	USC 132SU FURNACE CONVECTION CAST INTERMEDIATE TUBE SUPPORT DETAILS	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	17/12/2018		28/01/2019										
					Revised Plan	10/12/2018	08/11/2018	16/01/2019										
					Issue Actual		08/11/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00289											
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-2303	USC 132SU FURNACE CONVECTION CAST INTERMEDIATE TUBE SUPPORT LOCATION	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		A											
					Issue Plan	17/12/2018		28/01/2019										
					Revised Plan	16/04/2019	09/04/2019	16/04/2019										
					Issue Actual		09/04/2019											
					Transmittal no.		TPSK-LSPA1-T-ME-01291											
					Return Date		15/05/2019											
					Owner Cmmt*		R1											
	ME	OL1-2M06-2554	FURNACE PEEP DOOR DETAILS (RIGHT HAND)	Class 3	Purpose**	IFR	IFI	IFC										
					Rev.		0											
					Issue Plan	29/01/2019		27/03/2019										
					Revised Plan	16/01/2019	04/12/2018	16/05/2019										
					Issue Actual		04/12/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00422											
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3103	USC 132U FURNACE INSULATION INSTALLATION DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3105	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3106	USC 132U FURNACE PEEP DOOR INSERT DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3107	USC 132U FURNACE USX ASSEMBLY INSULATION DETAILS	Class 3	Purpose**	IFR	IFD											
					Rev.													
					Issue Plan	28/01/2019	25/02/2019											
					Revised Plan	16/05/2019	10/06/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3108	USC 132U FURNACE DECOKE NOZZLE DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3109	USC 132U FURNACE SEAL BOOT DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3110	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-3202	USC 132U FURNACE TRANSFER LINE & CLEAN OUT DETAILS	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2M06-4103	USC 132U FURNACE INSULATION INSTALLATION DETAILS	Class 3	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	01/09/2019	17/09/2019											
					Revised Plan	01/09/2019	17/09/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
	ME	OL1-2M06-4105	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-4106	USC 132U FURNACE PEEP DOOR INSERT DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-4107	USC 132U FURNACE USX ASSEMBLY INSULATION DETAILS	Class 3	Purpose**	IFR	IFD	
					Rev.			
					Issue Plan	28/01/2019	25/02/2019	
					Revised Plan	16/05/2019	10/06/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-4108	USC 132U FURNACE DECOKE NOZZLE DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-4109	USC 132U FURNACE SEAL BOOT DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-4110	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-4202	USC 132U FURNACE TRANSFER LINE & CLEAN OUT DETAILS	Class 2	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5103	USC 132U FURNACE INSULATION INSTALLATION DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5105	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5106	USC 132U FURNACE PEEP DOOR INSERT DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5107	USC 132U FURNACE USX ASSEMBLY INSULATION DETAILS	Class 3	Purpose**	IFR	IFD	
					Rev.			
					Issue Plan	28/01/2019	25/02/2019	
					Revised Plan	16/05/2019	10/06/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5108	USC 132U FURNACE DECOKE NOZZLE DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5109	USC 132U FURNACE SEAL BOOT DETAILS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	
					Revised Plan	01/09/2019	17/09/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	ME	OL1-2M06-5110	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC	
					Rev.			
					Issue Plan	01/09/2019	17/09/2019	

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-5202	USC 132U FURNACE TRANSFER LINE & CLEAN OUT DETAILS	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6103	USC 132U FURNACE INSULATION INSTALLATION DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6105	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6106	USC 132U FURNACE PEEP DOOR INSERT DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6107	USC 132U FURNACE USX ASSEMBLY INSULATION DETAILS	Class 3	Purpose**	IFR	IFD										
					Rev.												
					Issue Plan	28/01/2019	25/02/2019										
					Revised Plan	16/05/2019	10/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6108	USC 132U FURNACE DECOKE NOZZLE DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6109	USC 132U FURNACE SEAL BOOT DETAILS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6110	USC 132U FURNACE INSULATION DETAILS AT RADIANT FLOOR BURNERS	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	ME	OL1-2M06-6202	USC 132U FURNACE TRANSFER LINE & CLEAN OUT DETAILS	Class 2	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	01/09/2019	17/09/2019										
					Revised Plan	01/09/2019	17/09/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: M07 Mechanical certification, inspection and test record				Class 3	Purpose**												
Category Code: M20 Static Equipment Datasheet					Rev.												
Category Code: M21 Rotating Machinery Datasheet					Issue Plan												
Category Code: M22 Package Unit-Datasheet					Revised Plan												
Category Code: M55 Request for Quotation (RFQ) for Mechanical work					Issue Actual												
	ME	OL1-2M55-0003	MR COOLING WATER PUMPS	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	15/11/2018											
					Issue Actual	15/11/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00319											
					Return Date	10/12/2018											
					Owner Cmmt*	R1											
	ME	OL1-2M55-0015	MR API CENTRIFUGAL PUMPS - LLI	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	31/10/2018											
					Issue Actual	31/10/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00257											
					Return Date	27/11/2018											
					Owner Cmmt*	R1											
	ME	OL1-2M55-0055	MR FOR COLUMNS TRAYS & INTERN. (OPEN SOURCE ITEMS)	Class 2	Purpose**	IFQ											
					Rev.	A											
					Issue Plan												
					Revised Plan	09/11/2018											
					Issue Actual	09/11/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00300											
					Return Date	06/12/2018											
					Owner Cmmt*	R1											
	ME	OL1-2M55-0075	MR FOR COLUMNS TRAYS & INTERN. (UOP MD TRAYS FOR COLUMNS)	Class 2	Purpose**	IFQ	IMP										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment														Working Days
					Rev.	A	B													
					Issue Plan															
					Revised Plan	07/11/2018	14/11/2018													
					Issue Actual	07/11/2018	14/11/2018													
					Transmittal no.	TPSK-LSPA1-T-ME-00278	TPSK-LSPA1-T-ME-00314													
					Return Date	29/11/2018	08/02/2019													
					Owner Cmmt*	R1	R1													
	ME	OL1-2M55-2003	MATERIAL REQUISITION FOR QUENCH SYSTEM	Class 3	Purpose**	IFQ	IFP													
					Rev.	A	0													
					Issue Plan															
					Revised Plan	26/10/2018	10/12/2018													
					Issue Actual	26/10/2018	10/12/2018													
					Transmittal no.	TPSK-LSPA1-T-ME-00233	TPSK-LSPA1-T-ME-00466													
					Return Date															
					Owner Cmmt*															
	ME	OL1-2M55-2005	MATERIAL REQUISITION FOR ID FAN	Class 3	Purpose**	IFQ														
					Rev.	A														
					Issue Plan															
					Revised Plan	05/11/2018														
					Issue Actual	05/11/2018														
					Transmittal no.	TPSK-LSPA1-T-ME-00269														
					Return Date															
					Owner Cmmt*															
	ME	OL1-4M55-2001	Material Requisition for Convection Tubes		Purpose**	IFQ														
					Rev.															
					Issue Plan	22/10/2018														
					Revised Plan	12/09/2018														
					Issue Actual															
					Transmittal no.															
					Return Date															
					Owner Cmmt*															
Category Code: M71 Appraisal Report for Consultancy Service																				
Category Code: M72 Appraisal Report for EPC Contractor Work																				
Category Code: M73 Appraisal Report for Vendor/Supplier																				
Category Code: M90 Vendor Document/drawings																				
Category Code: M91 Index/List																				
	ME	OL1-2M91-0001	Item Index	Class 2	Purpose**	IFR	IBD													
					Rev.	A	B													
					Issue Plan															
					Revised Plan	15/03/2019	13/06/2019													
					Issue Actual	15/03/2019	13/06/2019													
					Transmittal no.	TPSK-LSPA1-T-ME-01080	TPSK-LSPA1-T-ME-01887													
					Return Date	05/04/2019														
					Owner Cmmt*	R1														
	ME	OL1-2M91-0002	Item Index Furnace Island	Class 2	Purpose**	IFR	IBD	IBD												
					Rev.	A	B	C												
					Issue Plan															
					Revised Plan	15/03/2019	30/05/2019	11/07/2019												
					Issue Actual	15/03/2019	30/05/2019	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01080	TPSK-LSPA1-T-ME-01766	TPSK-LSPA1-T-ME-02122												
					Return Date	05/04/2019														
					Owner Cmmt*	R1														
	ME	OL1-2M91-1001	Approved Vendor List for 36M and 132U Furnace	Class 2	Purpose**	IMP														
					Rev.	0														
					Issue Plan															
					Revised Plan	23/10/2018														
					Issue Actual	23/10/2018														
					Transmittal no.	TPSK-LSPA1-T-ME-00211														
					Return Date															
					Owner Cmmt*															
Category Code: M92 Procedures & Standards																				
	ME	OL1-2M92-2001	SPECIFICATION FOR CENTRIFUGALLY CAST TUBE FOR RADIANT AND TRANSFER LINES	Class 2	Purpose**	IFR	IMP													
					Rev.	A	0													
					Issue Plan															
					Revised Plan	10/09/2018	11/12/2018													
					Issue Actual	10/09/2018	11/12/2018													
					Transmittal no.	TPSK-LSPA1-T-ME-00037	TPSK-LSPA1-T-ME-00470													
					Return Date	25/09/2018														
					Owner Cmmt*	R2														
	ME	OL1-2M92-2002	SPECIFICATION FOR STATICALLY CAST FITTINGS FOR RADIANT COILS AND TRANSFER LINES IN CRACKING FUR	Class 2	Purpose**	IFR	IMP													
					Rev.	A	0													
					Issue Plan															
					Revised Plan	10/09/2018	11/12/2018													
					Issue Actual	10/09/2018	11/12/2018													
					Transmittal no.	TPSK-LSPA1-T-ME-00037	TPSK-LSPA1-T-ME-00471													
					Return Date	25/09/2018														
					Owner Cmmt*	R2														
	ME	OL1-2M92-2003	SPECIFICATION FOR CAST INTERMEDIATE TUBE SUPPORTS	Class 3	Purpose**	IFR	IFI	IFQ	IFP	IMP										
					Rev.		0			1										
					Issue Plan	26/10/2018		26/10/2018	07/01/2019											
					Revised Plan	26/10/2018	26/10/2018	26/10/2018	16/01/2019	17/12/2018										
					Issue Actual		26/10/2018			17/12/2018										
					Transmittal no.		TPSK-LSPA1-T-ME-00232			TPSK-LSPA1-T-ME-00517										
					Return Date															
					Owner Cmmt*															
	ME	OL1-2M92-2004	SPECIFICATION FOR FABRICATION OF CONVECTION COILS FOR CRACKING FURNACES	Class 2	Purpose**	IFR	IFQ	IFP	IMP											
					Rev.	A			0											
					Issue Plan	07/09/2018	19/09/2018	13/12/2018												
					Revised Plan	12/02/2019	16/02/2019	18/03/2019	10/05/2019											
					Issue Actual	12/02/2019			10/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00842			TPSK-LSPA1-T-ME -01640											
					Return Date	07/03/2019														
					Owner Cmmt*	R1														
	ME	OL1-2M92-2005	SPECIFICATION FOR SUPPLY & INSTALLATION OF CERAMIC FIBER BLANKET & CF MODULE	Class 2	Purpose**	IFR	IFQ	IFP	IMP											
					Rev.	A			0											
					Issue Plan	31/01/2019	07/02/2019	09/04/2019												
					Revised Plan	12/02/2019	18/03/2019	10/05/2019	10/05/2019											
					Issue Actual	12/02/2019			10/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00842			TPSK-LSPA1-T-ME -01640											
					Return Date	07/03/2019														
					Owner Cmmt*	R1														
	ME	OL1-2M92-2006	SPECIFICATION FOR SUPPLY & INSTALLATION OF REFRACTORY INSULATION	Class 2	Purpose**	IFR	IFQ	IFP	IMP											
					Rev.	A			0											
					Issue Plan	31/01/2019	07/02/2019	09/04/2019												
					Revised Plan	12/02/2019	18/03/2019	10/05/2019	10/05/2019											
					Issue Actual	12/02/2019			10/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00842			TPSK-LSPA1-T-ME -01640											

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Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Return Date	07/03/2019													
					Owner Cmmt*	R1													
	ME	OL1-2M92-2007	SPECIFICATION FOR SLE / USX QUENCH EXCHANGERS	Class 2	Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan														
					Revised Plan	20/09/2018	05/12/2018												
					Issue Actual	20/09/2018	05/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00067	TPSK-LSPA1-T-ME-00427												
					Return Date	12/10/2018													
					Owner Cmmt*	R2													
	ME	OL1-2M92-2008	SPECIFICATION FOR TLX EXCHANGERS	Class 2	Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan														
					Revised Plan	20/09/2018	05/12/2018												
					Issue Actual	20/09/2018	05/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00067	TPSK-LSPA1-T-ME-00428												
					Return Date	12/10/2018													
					Owner Cmmt*	R2													
	ME	OL1-2M92-2009	SPECIFICATION FOR BURNERS	Class 2	Purpose**	IFR	IFQ	IFP	IMP										
					Rev.	A			0										
					Issue Plan	25/10/2018	25/10/2018	23/01/2019											
					Revised Plan	25/10/2018	25/10/2018	22/01/2019	22/01/2019										
					Issue Actual	25/10/2018			22/01/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-00231			TPSK-LSPA1-T-ME-00698										
					Return Date	14/11/2018			14/02/2019										
					Owner Cmmt*	R1			R1										
	ME	OL1-4M92-2001	Project Specification for Centrifugally Cast Tubes for Radiant Coils and Transfer Lines in Cracking Furnaces	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	26/10/2018	26/10/2018	07/01/2019											
					Revised Plan	26/10/2018	26/10/2018	16/01/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-4M92-2002	Project Specification for Statically Cast Fittings for Radiant Coils and Transfer Lines in Cracking Furnaces	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	26/10/2018	26/10/2018	07/01/2019											
					Revised Plan	07/09/2018	19/09/2018	16/01/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-4M92-2007	Project Specification For SLE and USX Exchangers	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	20/09/2018	26/10/2018	10/12/2018											
					Revised Plan	20/09/2018	26/10/2018	16/01/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	ME	OL1-4M92-2008	Project Specification For Transfer Line Exchangers	Class 2	Purpose**	IFR	IFQ	IFP											
					Rev.														
					Issue Plan	20/09/2018	26/10/2018	10/12/2018											
					Revised Plan	20/09/2018	26/10/2018	16/01/2019											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: M93 Policy , Guidelines & Memo																			
Category Code: M94 Forms & Templates																			
Category Code: M95 Progress/Status Reports																			
Category Code: M96 Spare part list for construction/precommissioning/commissioning																			
Category Code: M97 Spare Part List for Maintenance During First Two Years Operation																			
Category Code: M98 Special tools books																			
Category Code: M99 Other																			
Category Code: O01 Precommissioning Plan and Schedule																			
Category Code: O02 Commissioning Plan and Schedule				Class 2	Purpose**														
Category Code: O03 Startup Plan and Schedule					Rev.														
Category Code: O04 Performance Test Plan and Schedule					Issue Plan														
	PE	OL1-2O04-1004	PERFORMANCE TEST PROCEDURE	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	30/09/2019													
					Revised Plan	30/09/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O05 Production Plan																			
Category Code: O06 Operating Manuals																			
	PE	OL1-2O06-0001	CUO 107 - OPERATING MANUALS	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	15/12/2020	30/06/2021												
					Revised Plan	15/12/2020	30/06/2021												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O07 Startup Lists																			
	PE	OL1-2O07-0002	CUO 110 - PLANT MAINTENANCE MANUAL - OFFSITES - S04	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	15/11/2019	15/12/2019												
					Revised Plan	15/11/2019	15/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O07-0003	CUO 110 - PLANT MAINTENANCE MANUAL - WASTE WATER TREATMENT - S05	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	15/09/2020	01/10/2020												
					Revised Plan	15/09/2020	01/10/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O07-0004	CUO 110 - PLANT MAINTENANCE MANUAL - FURNACES - S06	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/12/2020	30/01/2021												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	01/12/2020	30/01/2021												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O08 Startup Philosophy				Class 2	Purpose**														
	PE	OL1-2O08-0001	START-UP DELIVERABLE LIST	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/11/2019	01/12/2019												
					Revised Plan	01/11/2019	01/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O08-0002	START-UP PACKAGE LIST	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	30/10/2021	31/12/2021												
					Revised Plan	30/10/2021	31/12/2021												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O09 Scope of Work				Class 2	Purpose**														
	PE	OL1-2O09-0001	RESPONSABILITY MATRIX - DEFINITION OF MECHANICAL COMPLET./PRE-COMMISSIONING TPIT-SUBCONTR	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	15/01/2020	30/01/2020												
					Revised Plan	15/01/2020	30/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O09-0002	DEFINITION OF SCOPE OF WORK - TPIT - SPECIALIZED COMPANY	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	15/01/2020	30/01/2020												
					Revised Plan	15/01/2020	30/01/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O10 Maintenance Manuals																			
	PE	OL1-2O10-0002	CUO 110 - MAINTENANCE PHILOSOPHY DURING INTERIM MAINTENANCE MANAGEMENT	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	16/09/2021	15/11/2021												
					Revised Plan	16/09/2021	15/11/2021												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O11 Operating Condition Calculation																			
Category Code: O12 Product Quality Calculation																			
Category Code: O13 Training Schedule																			
Category Code: O20 Precommissioning Form and Checksheet																			
	PE	OL1-2O20-0001	PRE-COMMISSIONING/COMMISSIONING QUALITY CONTROL PLAN - PIPING - (from 51 to 99)	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/08/2019	01/10/2019												
					Revised Plan	01/08/2019	01/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O20-0002	PRE-COMMISSIONING/COMMISSIONING QUALITY CONTROL PLAN - INSTRUMENTATION - (from 51 to 99)	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/08/2019	01/10/2019												
					Revised Plan	01/08/2019	01/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O20-0003	PRE-COMMISSIONING/COMMISSIONING QUALITY CONTROL PLAN - ELECTRICAL - (from 51 to 99)	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/08/2019	01/10/2019												
					Revised Plan	01/08/2019	01/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O20-0004	PRE-COMMISSIONING/COMMISSIONING QUALITY CONTROL PLAN - MECHANICAL - (from 51 to 99)	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/08/2019	01/10/2019												
					Revised Plan	01/08/2019	01/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O21 Commissioning Form and Checksheet																			
Category Code: O22 Operation Form and Checksheet																			
Category Code: O23 Equipment Patrol Checksheet																			
Category Code: O51 Appraisal Report for Consultancy Service																			
Category Code: O52 Appraisal Report for EPC Contractor Work																			
Category Code: O53 Appraisal Report for Vendor/Supplier																			
Category Code: O60 Precommissioning Record and Report																			
Category Code: O61 Commissioning Record and Report																			
Category Code: O62 Startup, Shutdown and Emergency Shutdown Record and Report																			
Category Code: O63 Plant performance Test and record																			
Category Code: O64 Operation Record and Report Production Record,Report																			
Category Code: O65 Troubleshooting Record, Report																			
Category Code: O66 Modification Record,Report																			
Category Code: O67 List of set point and controller parameter																			
	PE	OL1-2O67-1001	ALARM & SETPOINT SUMMARY	Class 3	Purpose**	IFR	IBD	IFD	IFC										
					Rev.														
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019										
					Revised Plan	16/05/2019	13/06/2019	24/06/2019	28/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	IE	OL1-2O67-1101	Alarm & Setpoint Summary 36M Furnace 10-H-1100	Class 2	Purpose**	IFR													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01848													
					Return Date														
					Owner Cmmt*														
	IE	OL1-2O67-1201	Alarm & Setpoint Summary 132U Furnaces 10-H-1200 - 10-H-1600	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/06/2019													
					Issue Actual	10/06/2019													
					Transmittal no.	TPSK-LSPA1-T-IE-01848													
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O67-2001	ALARM & SETPOINT SUMMARY	Class 2	Purpose**	IFR	IBD	IFD	IFC										
					Rev.														
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019										
					Revised Plan	16/05/2019	13/06/2019	24/06/2019	28/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O67-3001	ALARM & SETPOINT SUMMARY	Class 2	Purpose**	IFR	IBD	IFD	IFC										
					Rev.														
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019										
					Revised Plan	16/05/2019	13/06/2019	24/06/2019	28/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O67-4001	ALARM & SETPOINT SUMMARY	Class 2	Purpose**	IFR	IBD	IFD	IFC										
					Rev.														
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019										
					Revised Plan	16/05/2019	13/06/2019	24/06/2019	28/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O67-5001	ALARM & SETPOINT SUMMARY	Class 2	Purpose**	IFR	IBD	IFD	IFC										
					Rev.														
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019										
					Revised Plan	16/05/2019	13/06/2019	24/06/2019	28/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O67-6001	ALARM & SETPOINT SUMMARY	Class 2	Purpose**	IFR	IBD	IFD	IFC										
					Rev.														
					Issue Plan	04/04/2019	13/06/2019	24/06/2019	28/10/2019										
					Revised Plan	16/05/2019	13/06/2019	24/06/2019	28/10/2019										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O70 Precommissioning Procedure																			
Category Code: O71 Commissioning Procedure																			
	PE	OL1-2O71-0001	JOB START UP SPECIFICATION FOR WATER FLUSHING OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/05/2020	15/06/2020												
					Revised Plan	01/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O71-0002	JOB START UP SPECIFICATION FOR AIR BLOWING OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/05/2020	15/06/2020												
					Revised Plan	01/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O71-0003	JOB START UP SPECIFICATION FOR DRYING OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/05/2020	15/06/2020												
					Revised Plan	01/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O71-0004	JOB START UP SPECIFICATION FOR GROSS LEAK TEST	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/05/2020	15/06/2020												
					Revised Plan	01/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O71-0005	JOB START UP SPECIFICATION FOR TIGHTNESS TEST	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/05/2020	15/06/2020												
					Revised Plan	01/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O71-0006	JOB START UP SPECIFICATION FOR STEAM BLOWING OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	01/05/2020	15/06/2020												
					Revised Plan	01/05/2020	15/06/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O71-0007	JOB START UP SPECIFICATION FOR CHEMICAL CLEANING OF CS OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP												
					Rev.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0008	JOB START UP SPECIFICATION FOR CHEMICAL CLEANING OF SS OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0009	JOB START UP SPECIFICATION FOR NITROGEN PURGING OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0010	JOB START UP SPECIFICATION FOR HYDRO-JETTING OF PIPING & EQUIPMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0011	JOB START UP SPECIFICATION FOR OIL FLUSHING	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0012	JOB START UP SPECIFICATION FOR MANUAL CLEANING FOR LARGE BORE PIPING PROCEDURE	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0013	JOB START UP SPECIFICATION FOR PIPING INSPECTION	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0014	JOB START UP SPECIFICATION FOR RELIEF VALVE MANAGEMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0015	JOB START UP SPECIFICATION FOR SPRING HANGER SETTING	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0016	JOB START UP SPECIFICATION FOR TIGHTNESS TEST WITH NITROGEN & HELIUM	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0017	JOB START UP SPECIFICATION FOR LOOP CHECK MANAGEMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	15/09/2019	01/10/2019											
					Revised Plan	15/09/2019	01/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0018	JOB START UP SPECIFICATION FOR LOOP FOLDER MANAGEMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	15/09/2019	01/10/2019											
					Revised Plan	15/09/2019	01/10/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0019	JOB START UP SPECIFICATION FOR ELECTRICAL MOTOR SOLO RUN	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	01/05/2020	15/06/2020											
					Revised Plan	01/05/2020	15/06/2020											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	PE	OL1-2O71-0020	JOB START UP SPECIFICATION FOR ELECTRICAL SUBSTATION ENERGIZATION	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	15/01/2020	01/02/2020											
					Revised Plan	15/01/2020	01/02/2020											
					Issue Actual													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		**Owner Feedback (Comment)**		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment		Working Days
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-0021	JOB START UP SPECIFICATION FOR PUMP ALIGNMENT	Class 2	Purpose**	IFR	IMP	
					Rev.			
					Issue Plan	15/09/2019	01/10/2019	
					Revised Plan	15/09/2019	01/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-0022	JOB START UP SPECIFICATION FOR VESSELS/EQUIPMENT INSPECTION	Class 2	Purpose**	IFR	IMP	
					Rev.			
					Issue Plan	15/09/2019	01/10/2019	
					Revised Plan	15/09/2019	01/10/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-0023	CUO 110 - JOB START UP SPECIF.FOR MTL PRESERVATION DURING CONSTRUCTION, PRECOMM., COMMISS.	Class 2	Purpose**	IFR	IMP	
					Rev.	A	0	
					Issue Plan	31/03/2019	31/05/2019	
					Revised Plan	18/03/2019	31/05/2019	
					Issue Actual	18/03/2019	04/07/2019	
					Transmittal no.	TPSK-LSPA1-T-PE-01090	TPSK-LSPA1-T-PE-02067	
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-1001	FURNACE PERFORMANCE TEST RUN PROCEDURE	Class 1	Purpose**	IFF		
					Rev.			
					Issue Plan	18/12/2019		
					Revised Plan	18/12/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-2001	FURNACE PERFORMANCE TEST RUN PROCEDURE	Class 1	Purpose**	IFF		
					Rev.			
					Issue Plan	18/12/2019		
					Revised Plan	18/12/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-3001	FURNACE PERFORMANCE TEST RUN PROCEDURE	Class 1	Purpose**	IFF		
					Rev.			
					Issue Plan	18/12/2019		
					Revised Plan	18/12/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-4001	FURNACE PERFORMANCE TEST RUN PROCEDURE	Class 1	Purpose**	IFF		
					Rev.			
					Issue Plan	18/12/2019		
					Revised Plan	18/12/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-5001	FURNACE PERFORMANCE TEST RUN PROCEDURE	Class 1	Purpose**	IFF		
					Rev.			
					Issue Plan	18/12/2019		
					Revised Plan	18/12/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O71-6001	FURNACE PERFORMANCE TEST RUN PROCEDURE	Class 1	Purpose**	IFF		
					Rev.			
					Issue Plan	18/12/2019		
					Revised Plan	18/12/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
Category Code: O72 Startup, Shutdown and Emergency Shutdown Procedure								
Category Code: O73 Plant performance Test procedure								
Category Code: O74 Tag-in Tag-out/Lock-out Tag-out Procedure								
Category Code: O75 Operation Work instruction								
	PE	OL1-2O75-0001	OPERATIONAL TEST PROCEDURE (OTP)	Class 2	Purpose**	IFR	IMP	
					Rev.			
					Issue Plan	01/03/2021	01/07/2021	
					Revised Plan	01/03/2021	01/07/2021	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O75-1001	SUPERVISORY OPERATING MANUAL FOR CRACKING FURNACE	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	11/11/2019	04/12/2019	
					Revised Plan	11/11/2019	04/12/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O75-2001	SUPERVISORY OPERATING MANUAL FOR CRACKING FURNACE	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	11/11/2019	04/12/2019	
					Revised Plan	11/11/2019	04/12/2019	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	PE	OL1-2O75-3001	SUPERVISORY OPERATING MANUAL FOR CRACKING FURNACE	Class 3	Purpose**	IFR	IFF	
					Rev.			
					Issue Plan	11/11/2019	04/12/2019	
					Revised Plan	11/11/2019	04/12/2019	

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment										Working Days			
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O75-4001	SUPERVISORY OPERATING MANUAL FOR CRACKING FURNACE	Class 3	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	11/11/2019	04/12/2019												
					Revised Plan	11/11/2019	04/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O75-5001	SUPERVISORY OPERATING MANUAL FOR CRACKING FURNACE	Class 3	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	11/11/2019	04/12/2019												
					Revised Plan	11/11/2019	04/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	PE	OL1-2O75-6001	SUPERVISORY OPERATING MANUAL FOR CRACKING FURNACE	Class 3	Purpose**	IFR	IFF												
					Rev.														
					Issue Plan	11/11/2019	04/12/2019												
					Revised Plan	11/11/2019	04/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O80 Lab, Product QA and QC																			
	PE	OL1-2O80-1003	SAMPLING AND ANALYTICAL MANUAL	Class 1	Purpose**	IFR	IFD	IFF											
					Rev.														
					Issue Plan	19/07/2019	16/08/2019	30/05/2020											
					Revised Plan	19/07/2019	16/08/2019	30/05/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: O91 Index/List																			
Category Code: O92 Procedures & Standards																			
Category Code: O93 Policy , Guidelines & Memo																			
Category Code: O94 Forms & Templates																			
Category Code: O95 Progress/Status Reports																			
Category Code: P03 Piping datasheet																			
	MP	OL1-2P03-1101	PIPING SPECIALTY ITEM - DATA SHEETS	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	22/05/2019	22/05/2019												
					Revised Plan	18/03/2019	22/05/2019												
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01683													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-1102	Piping Specialty Item Datasheet - T- Type Filter - Crossover Line - 10-SP-11002	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1103	Piping Specialty Item Datasheet - Exhaust Head - 10-SP-11003	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01683													
					Return Date	13/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1104	Piping Specialty Item Datasheet - Vent Silencer - PSV-1142 A-B Outlet - 10- SP-11004	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-1105	Piping Specialty Item Datasheet - T-Type Filter - Fuel Gas Line - 10 SP-11005	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1107	Piping Specialty Item Datasheet - Special Tee Fitting 30 inches - 10-SP-11007	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1108	Piping Specialty Item Datasheet - Special Tee Fitting 20 inches - 10-SP-11008	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1109	Piping Specialty Item Datasheet - Special Tee Fitting 16 inches - 10-SP-11009	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	MP	OL1-2P03-1110	Piping Specialty Item Datasheet - Special Tee Fitting 12 inches - 10-SP-11010	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1111	Piping Specialty Item Datasheet - Stop Check Valve - 10-SP-11011	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2P03-1112	Piping Specialty Item Datasheet - 10-SP-11012	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01457													
					Return Date	19/06/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-1113	Piping Specialty Item Datasheet - Vent Silencer - PSV-1144 Outlet - 10-SP-11013	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1114	Piping Specialty Item Datasheet - Vent Silencer - Start up - 10-SP-11014	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	PE	OL1-2P03-1151	Piping Specialty Item Datasheet - 10-BDV-11001	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	23/04/2019													
					Issue Actual	23/04/2019													
					Transmittal no.	TPSK-LSPA1-T-PE-01457													
					Return Date	19/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1152	Piping Specialty Item Datasheet - Flexible Hose - 10-FLX-11001	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	16/05/2019													
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01683													
					Return Date	13/06/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-1153	Piping Specialty Item Datasheet - Sample Cooler-SHP Steam - 10-SPC-11001	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01829													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-1154	Piping Specialty Item Datasheet - Sample Cooler-SHP Steam - 10-SPC-11002	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/06/2019													
					Issue Actual	07/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01829													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-1201	PIPING SPECIALTY ITEM - DATA SHEETS	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	22/05/2019	22/05/2019												
					Revised Plan	22/05/2019	22/05/2019												
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01683													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-1202	SP/RO DATASHEETS - MIXING T	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	10/05/2019													
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1203	SP/RO DATASHEETS - ANGLE VALVES	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	22/05/2019	22/05/2019												
					Revised Plan	22/05/2019	22/05/2019												
					Issue Actual	16/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01683													
					Return Date	13/06/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-1204	SP/RO DATASHEETS - SAMPLE COOLER	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	22/05/2019	22/05/2019												
					Revised Plan	10/05/2019	22/05/2019												
					Issue Actual	10/05/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01643													
					Return Date	03/06/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-1205	SP/RO DATASHEETS - ISOKINETIC NOZZLE	Class 2	Purpose**	IFR	IFF												
					Rev.	A													
					Issue Plan	22/05/2019	22/05/2019												

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	10/05/2019	22/05/2019											
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1206	SP/RO DATASHEETS - SILENCER	Class 2	Purpose**	IFR	IFF											
					Rev.	A												
					Issue Plan	22/05/2019	22/05/2019											
					Revised Plan	10/05/2019	22/05/2019											
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1207	Piping Specialty Item Datasheet - Special Tee Fitting 30 inches - 10-SP-12007-16007	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1208	Piping Specialty Item Datasheet - Special Tee Fitting 20 inches - 10-SP-12008-16008	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1209	Piping Specialty Item Datasheet - Special Tee Fitting 16 inches - 10-SP-12009-16009	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1211	Piping Specialty Item Datasheet - Stop Check Valve - 10-SP-12011-16011	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2P03-1212	Piping Specialty Item Datasheet - 10-SP-12012-16012	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	23/04/2019												
					Issue Actual	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01457												
					Return Date	19/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1213	Piping Specialty Item Datasheet - Vent Silencer - PSV-1244 Outlet - 10-SP-12013-16013	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01643												
					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1214	Piping Specialty Item Datasheet - Vent Silencer - Start up - 10-SP-12014-16014	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	10/05/2019												
					Issue Actual	10/05/2019												
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					Return Date	03/06/2019												
					Owner Cmmt*	R2												
	PE	OL1-2P03-1251	Piping Specialty Item Datasheet - 10-BDV-12001-16001	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	23/04/2019												
					Issue Actual	23/04/2019												
					Transmittal no.	TPSK-LSPA1-T-PE-01457												
					Return Date	19/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1252	Piping Specialty Item Datasheet - Flexible Hose - 10-FLX-12001-16001	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	16/05/2019												
					Issue Actual	16/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01683												
					Return Date	13/06/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P03-1253	Piping Specialty Item Datasheet - Sample Cooler-SHP Steam - 10-SPC-12001	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/06/2019												
					Issue Actual	07/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01829												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-1254	Piping Specialty Item Datasheet - Sample Cooler-SHP Steam - 10-SPC-12002	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	07/06/2019												
					Issue Actual	07/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01829												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-1301	PIPING SPECIALTY ITEM - DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	22/05/2019	22/05/2019											
					Revised Plan	22/05/2019	22/05/2019											
					Issue Actual													
					Transmittal no.													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-1401	PIPING SPECIALTY ITEM - DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	22/05/2019	22/05/2019											
					Revised Plan	22/05/2019	22/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-1501	PIPING SPECIALTY ITEM - DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	22/05/2019	22/05/2019											
					Revised Plan	22/05/2019	22/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-1601	PIPING SPECIALTY ITEM - DATA SHEETS	Class 2	Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	22/05/2019	22/05/2019											
					Revised Plan	22/05/2019	22/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2001	Piping Specialty Item - Datasheet - Basket-Type Filter - Quench Oil Pump Suction - 10-SP-20001	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
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					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01913												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2004	Piping Specialty Item - Basket-Type Filter - Heavy Fuel Oil Pump Suction - 10-SP-20004	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	18/06/2019												
					Issue Actual	18/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01913												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2202	Piping Specialty Item - Datasheet - T-Type Filter - P-2210 A-B Suction - 10-SP-22002	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01819												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2203	Piping Specialty Item - Datasheet - T-Type Filter - 1st Stage CG Compressor Suction - 10-SP-22003	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01819												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2204	Piping Specialty Item - Datasheet - T-Type Filter - 2nd Stage CG Compressor Suction - 10-SP-22004	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01819												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2205	Piping Specialty Item - Datasheet - T-Type Filter - P-2220 A-B Suction - 10-SP-22005	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01821												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2206	Piping Specialty Item - Datasheet - T-Type Filter - 3rd Stage CG Compressor Suction - 10-SP-22006	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01819												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2207	Piping Specialty Item - Datasheet - T-Type Filter - 4th Stage CG Compressor Suction - 10-SP-22007	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/06/2019												
					Issue Actual	06/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01819												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2208	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2200 4th Stage Discharge - 10-SP-22008	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01984												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2211	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2200 4th Stage Suction - 10-SP-22011	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/06/2019												
					Issue Actual	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01984												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2214	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2200 4th Stage Suction - 10-SP-22014	Class 2	Purpose**	IFR												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Rev.	A										
					Issue Plan											
					Revised Plan	26/06/2019										
					Issue Actual	26/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01985										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2301	Piping Specialty Item - Datasheet - T-Type Filter - P-2306 A-B Suction - 10-SP-23001	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2303	Piping Specialty Item - T-Type Filter - P-2304 Suction - 10-SP-23003	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2304	Piping Specialty Item - Datasheet - T-Type Filter - P-2302 A-B Suction - 10-SP-23004	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2306	Piping Specialty Item - Datasheet - T-Type Filter - P-2310 A-B Suction - 10-SP-23006	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2309	Piping Specialty Item - Datasheet - T-Type Filter - P-2320 A-B Suction - 10-SP-23009	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2312	Piping Specialty Item - Datasheet - T-Type Filter - P-2300 A-B Suction - 10-SP-23012	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2323	Piping Specialty Item - Datasheet - T-Type Filter - P-2300 A-B Suction - 10-SP-23023	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	12/06/2019										
					Issue Actual	12/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01884										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2403	Piping Specialty Item - Datasheet - Non-Slam Check Valve - D-2405 Overhead Cracked Gas - SVC-24012	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02059										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2404	Piping Specialty Item - Datasheet - T-Type Filter - P-2415 A-B Suction - 10-SP-24004	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01835										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2410	Piping Specialty Item - Datasheet - T-Type Filter - P-2445 A-B Suction - 10-SP-24010	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01835										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2413	Piping Specialty Item - Datasheet - T-Type Filter - P-2455 A-B Suction - 10-SP-24013	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01835										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2414	Piping Specialty Item - Datasheet - T-Type Filter - P-2450 A-B Suction - 10-SP-24014	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										
					Issue Actual	07/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01835										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2415	Piping Specialty Item - Datasheet - T-Type Filter - 5th Stage CG Compressor Suction - 10-SP-24015	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/06/2019										

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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment		Working Days
					Issue Actual	07/06/2019			
					Transmittal no.	TPSK-LSPA1-T-MP-01835			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2417	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2200 5th Stage Discharge - SCV-24006	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	03/07/2019			
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02059			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2418	Piping Specialty Item - Datasheet - Non-Slam Check Valve - E-2460 -Shell Side- Outlet - SCV-24007	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	03/07/2019			
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02062			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2428	Piping Specialty Item - Datasheet - Non-Slam Check Valve - D-2440 Vapor Outlet - SCV-24010	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	03/07/2019			
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02062			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2446	Piping Specialty Item - Datasheet - Non-Slam Check Valve - E-2460 -Shell Side- Outlet - SCV-24008	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	03/07/2019			
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02062			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2451	Piping Specialty Item - Datasheet - Non-Slam Check Valve - D-2405 Overhead Cracked Gas - SCV-24013	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	03/07/2019			
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02062			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2460	Piping Specialty Item - Datasheet - Non-Slam Check Valve - D-2440 Vapor Outlet - SCV-24009	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	03/07/2019			
					Issue Actual	03/07/2019			
					Transmittal no.	TPSK-LSPA1-T-PE-02062			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2501	Piping Specialty Item - Datasheet - Cone Filter - E-2506 Cracked Gas Inlet - 10-SP-25001	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-MP-02046			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2502	Piping Specialty Item - Datasheet - Basket-Type Filter - D-2506 BTMS TO E-2506 - 10-SP-25002	Class 2	Purpose**	IFR	IFR	IFR	
					Rev.	A	B	A	
					Issue Plan				
					Revised Plan	11/06/2019	17/06/2019	18/06/2019	
					Issue Actual	11/06/2019	17/06/2019	18/06/2019	
					Transmittal no.	TPSK-LSPA1-T-MP-01871	TPSK-LSPA1-T-MP-01913	TPSK-LSPA1-T-MP-01871	
					Return Date			09/07/2019	
					Owner Cmmt*			R1	
	MP	OL1-2P03-25024	Piping Specialty Item - Datasheet - Cone Filter - E-2525 Hydrogen Inlet - 10-SP-25024	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-MP-02046			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2503	Piping Specialty Item - Datasheet - Basket-Type Filter - C2R Inlet To D-2507 - 10-SP-25003	Class 2	Purpose**	IFR	IFR		
					Rev.	A	B		
					Issue Plan				
					Revised Plan	11/06/2019	17/06/2019		
					Issue Actual	11/06/2019	17/06/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01871	TPSK-LSPA1-T-MP-01913		
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2504	Piping Specialty Item - Datasheet - Cone Filter - E-2508 Cracked Gas Inlet - 10-SP-25004	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-MP-02046			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2505	Piping Specialty Item - Datasheet - Cone Filter - E-2508 Residue Gas Inlet - 10-SP-25005	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	02/07/2019			
					Issue Actual	02/07/2019			
					Transmittal no.	TPSK-LSPA1-T-MP-02046			
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P03-2506	Piping Specialty Item - Datasheet - Cone Filter - E-2508 Hydrogen Inlet - 10-SP-25006	Class 2	Purpose**	IFR			
					Rev.	A			
					Issue Plan				
					Revised Plan	01/07/2019			
					Issue Actual	01/07/2019			
					Transmittal no.	TPSK-LSPA1-T-MP-02046			
					Return Date				

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment									Working Days			
					Owner Cmmt*													
	MP	OL1-2P03-2507	Piping Specialty Item - Datasheet - Cone Filter - E-2508 Methane Recycle Inlet - 10-SP-25007	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2508	Piping Specialty Item - Datasheet - Basket-Type Filter - D-2508 BTMS To E-2508 - 10-SP-25008	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	17/06/2019											
					Issue Actual	11/06/2019	17/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01913											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2509	Piping Specialty Item - Datasheet - Basket-Type Filter - C2R Inlet To D-2509 - 10-SP-25009	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	17/06/2019											
					Issue Actual	11/06/2019	17/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01913											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2510	Piping Specialty Item - Datasheet - Basket-Type Filter - Demeth BTMS To E-2510 - 10-SP-25010	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	17/06/2019											
					Issue Actual	11/06/2019	17/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01913											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2511	Piping Specialty Item - Datasheet - Basket-Type Filter - C2R Inlet To D-2521 - 10-SP-25011	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	17/06/2019											
					Issue Actual	11/06/2019	17/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01913											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2512	Piping Specialty Item - Datasheet - Basket-Type Filter - Methane Recycle To E-2520 - 10-SP-25012	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	17/06/2019											
					Issue Actual	11/06/2019	17/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01913											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2513	Piping Specialty Item - Datasheet - Cone Filter - E-2520 Residue Gas Inlet - 10-SP-25013	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2514	Piping Specialty Item - Datasheet - Cone Filter - E-2520 Hydrogen Inlet - 10-SP-25014	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2515	Piping Specialty Item - Datasheet - Cone Filter - E-2520 Cracked Gas inlet - 10-SP-25015	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2516	Piping Specialty Item - Datasheet - Cone Filter - E-2520 Rectifier Ovhd Inlet - 10-SP-25016	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2517	Piping Specialty Item - Datasheet - Cone Filter - E-2530 Demeth Prefrac Ovhd Inlet - 10-SP-25017	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2518	Piping Specialty Item - Datasheet - Basket-Type Filter - T-2520 BTMS To E-2530 - 10-SP-25018	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	18/06/2019											
					Issue Actual	11/06/2019	18/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01913											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2519	Piping Specialty Item - Datasheet - Basket-Type Filter - C2R Inlet To D-2530 - 10-SP-25019	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	19/06/2019											
					Issue Actual	11/06/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2520	Piping Specialty Item - Datasheet - Cone Filter - E-2540 Demeth Ovhd Inlet - 10-SP-25020	Class 2	Purpose**	IFR												
					Rev.	A												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2521	Piping Specialty Item - Datasheet - Basket-Type Filter - C2R Inlet To E-2540 - 10-SP-25021	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	19/06/2019											
					Issue Actual	11/06/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2522	Piping Specialty Item - Datasheet - T-Type Filter - TX-2550 Residue Gas Expander Suction - 10-SP-25022	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	19/06/2019												
					Issue Actual	19/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01917												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2523	Piping Specialty Item - Datasheet - T-Type Filter - C-2550 Residue Gas Recompressor Suction - 10-SP-25023	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	19/06/2019												
					Issue Actual	19/06/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01917												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2525	Piping Specialty Item - Datasheet - Cone Filter - E-2525 Rectifier Relux Drum Ovhd Inlet - 10-SP-25025	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2526	Piping Specialty Item - Datasheet - Basket-Type Filter - Residue Gas To E-2525 - 10-SP-25026	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	19/06/2019											
					Issue Actual	11/06/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2527	Pipng Specialty Item - Datasheet - Cone Filter - E-2500 Residue Gas Inlet - 10-SO-25027	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2528	Piping Specialty Item - Datasheet Cone Filter - E-2500 Ethane Recycle Inlet - 10-SP-25028	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2529	Piping Specialty Item - Datasheet - Cone Filter - E-2500 Methane Recycle Inlet - 10-SP-25029	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2530	Piping Specialty Item - Datasheet - Cone Filter - E-2500 Hydro gem Inlet - 10-SP-25030	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2531	Piping Specialty Item - Datasheet - Basket-Type Filter - C3R To E-2500 - 10-SP-25031	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	19/06/2019											
					Issue Actual	11/06/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2532	Piping Specialty Item - Datasheet - Basket-Type Filter - C3R To E-2500 - 10-SP-25032	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	19/06/2019											
					Issue Actual	11/06/2019	19/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917											
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2533	Piping Specialty Item - Datasheet - Cone Filter - E-2585 C2R Inlet - 10-SP-25033	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	02/07/2019												
					Issue Actual	02/07/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-02046												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P03-2534	Piping Specialty Item - Datasheet - Basket-Type Filter - T-2580 Side Reboiler Inlet - 10-SP-25034	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	11/06/2019	19/06/2019											
					Issue Actual	11/06/2019	19/06/2019											

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

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Issue Date	02/09/19

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					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2535	Piping Specialty Item - Datasheet - Cone Filter - E-2587 C2R Inlet - 10-SP-25035	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	02/07/2019														
					Issue Actual	02/07/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-02046														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2536	Piping Specialty Item - Datasheet - T-Type Filter - P-2570 A-B Suction - 10-SP-25036	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2538	Piping Specialty Item - Datasheet - T-Type Filter - P-2586 A-B Suction - 10-SP-25038	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2539	Piping Specialty Item - Datasheet - Basket-Type Filter - T-2580 Bottoms Reboiler Inlet - 10-SP-25039	Class 2	Purpose**	IFR	IFR													
					Rev.	A	B													
					Issue Plan															
					Revised Plan	11/06/2019	19/06/2019													
					Issue Actual	11/06/2019	19/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917													
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2540	Piping Specialty Item - Datasheet - Cone Filter - E-2510 Demeth Prefrac Ovhd Inlet - 10-SP-25040	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	02/07/2019														
					Issue Actual	02/07/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-02045														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2544	Piping Specialty Item - Datasheet - T-Type Filter - P-2575 A-b Suction - 10-SP-25044	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2601	Piping Specialty Item - Datasheet - T-Type Filter - 2-2620 A-B Suction - 10-SP-26001	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2602	Piping Specialty Item - Datasheet - T-Type Filter - P-2630 A-B Suction - 10-SP-26002	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2603	Piping Specialty Item - Datasheet - T-Type Filter - P-2666 A-B Suction - 10-SP-26003	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2606	Piping Specialty Item - Datasheet - T-Type Filter - P-2660 A-B Suction - 10-SP-26006	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
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					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2607	Piping Specialty Item - Datasheet - T-Type Filter - P-2646 A-B Suction - 10-SP-26007	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2608	Piping Specialty Item - Datasheet - T-Type Filter - P-2647 Suction - 10-SP-26008	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	19/06/2019														
					Issue Actual	19/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01917														
					Return Date															
					Owner Cmmt*															
	MP	OL1-2P03-2801	Piping Specialty Item - Datasheet - T-Type Filter - C-2800 3rd Stage Propylene Refrig. Compressor Suction -	Class 2	Purpose**	IFR														
					Rev.	A														
					Issue Plan															
					Revised Plan	20/06/2019														
					Issue Actual	20/06/2019														
					Transmittal no.	TPSK-LSPA1-T-MP-01928														
					Return Date	09/07/2019														
					Owner Cmmt*	R1														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document		**Owner Feedback (Comment)**		**Classification**
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	MP	OL1-2P03-2802	Piping Specialty Item - Database - T-Type Filter - C-2800 2nd Stage Propylene Refrig. Compressor Suction -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01928													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2803	Piping Specialty Item - Datasheet - T-Type Filter - C-2800 - 1st Stage Propylene Refrig. Compressor Suction -	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01928													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2804	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 3rd Stage Suction - 10-SP-28101	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01928													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2805	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 2nd Stage Suction - 10-SP-28102	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01928													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2806	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 1st Stage Suction - 10-SP-28103	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01931													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2807	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 5th Stage Discharge - 10-SP-28104	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01933													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2808	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 4th Stage Suction - 10-SP-28105	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01933													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2809	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 4th Stage Discharge - 10-SP-28108	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01934													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2810	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 4th Stage Discharge - 10-SP-28109	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01935													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2811	Piping Specialty Item - Datasheet - T-Type Filter - C-2800 th Stage Propylene Refrig. Compressor Suction - 1	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01936													
					Return Date	09/07/2019													
					Owner Cmmt*	R2													
	MP	OL1-2P03-2812	Piping Specialty Item - Datasheet - Non-Slam Check valve - C-2800 5th Stage Discharge - 10-SP-28106	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01937													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2813	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2800 5th Stage Discharge - 10-SP-28011	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01937													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2820	Piping Specialty Item - Datasheet - T-Type Filter - P-2815 Suction - 10-SP-28009	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01936													
					Return Date	09/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-2821	Piping Specialty Item - Datasheet - T-Type Filter - P-2805 A-B Suction - 10-SP-28010	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01936										
					Return Date	09/07/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P03-2822	Piping Specialty Item - Datasheet - T-Type Filter - C-2850 3rd Stage Ethylene Refrig. Compressor Suction - 1	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01936										
					Return Date	09/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2823	Piping Specialty Item - Datasheet - T-Type Filter - C-2850 2nd Stage Ethylene Refrig. Compressor Suction - 1	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	19/06/2019										
					Issue Actual	19/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01936										
					Return Date	09/07/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P03-2824	Piping Specialty Item - Datasheets - T-Type Filter - C-2850 1st Stage Ethylene Refrig. Compressor Suction - 1	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01936										
					Return Date	09/07/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P03-2825	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2850 3rd Stage Suction - 10-SP-28604	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01937										
					Return Date	09/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2826	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2850 2nd Stage Suction - 10-SP-28605	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01937										
					Return Date	09/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2827	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2850 1st Stage Suction - 10-SP-28606	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01937										
					Return Date	09/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2828	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2850 3rd Stage Discharge - 10-SP-28602	Class 2	Purpose**	IFR	IFR									
					Rev.	A	A									
					Issue Plan											
					Revised Plan	20/06/2019	20/06/2019									
					Issue Actual	20/06/2019	20/06/2019									
					Transmittal no.	TPSK-LSPA1-T-MP-01938	TPSK-LSPA1-T-MP-01938									
					Return Date	16/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2829	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C-2850 4th Stage Discharge - 10-SP-28603	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01938										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2830	Piping Specialty Item - Datasheet -Non-Slam Check - C-2850 3 rd Stage Discharge - 10-SP-28607	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01938										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2833	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C2R Desuperheater 2 Outlet - 10-SP-28609	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01939										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2834	Piping Specialty Item - Datasheet - Non-Slam Check Valve - C2R Desuperheater 2 Outlet - 10-SP-28608	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01939										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2835	Piping Specialty Item - Datasheet - T-Type Filter - P-2855 A-B Suction - 10-SP-28510	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	20/06/2019										
					Issue Actual	20/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01940										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-2843	Piping Specialty Item - Datasheet - Basket-Type Filter - C2R Inlet To D-2884 - 10-SP-28508	Class 2	Purpose**	IFR	IFR									
					Rev.	A	B									
					Issue Plan											
					Revised Plan	11/06/2019	19/06/2019									
					Issue Actual	11/06/2019	19/06/2019									
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917									

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)	***Classification		
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		IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review		
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information		
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date	02/09/19
		IFP = Issue For Planning	/ Execution					
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days		

Item	Org.	Document No.	Document Name	Classification				
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2844	Piping Specialty Item - Datasheet - Basket-Type Filter - LP Ethylene To D-2882 & E-2882 - 10-SP-28512	Class 2	Purpose**	IFR	IFR	
					Rev.	A	B	
					Issue Plan			
					Revised Plan	11/06/2019	19/06/2019	
					Issue Actual	11/06/2019	19/06/2019	
					Transmittal no.	TPSK-LSPA1-T-MP-01872	TPSK-LSPA1-T-MP-01917	
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2901	Piping Specialty Item - Datasheet - T-Type Filter - P-2930 Suction - 10-SP-29001	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2904	Piping Specialty Item - Datasheet - T-Type Filter - PT-2006A Suction - 10-SP-29004	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2905	Piping Specialty Item - Datasheet - T-Type Filter - PT-2106A Suction - 10-SP-29005	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2906	Piping Specialty Item - Datasheet - T-Type Filter - PT-2146A Suction - 10-SP-29006	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	02/07/2019		
					Issue Actual	02/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2907	Piping Specialty Item - Datasheet - T-Type Filter - P-2202 A-B Suction - 10-SP-29007	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2911	Piping Specialty Item - Datasheet - T-Type Filter - CT-2200 Suction - 10-SP-29011	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2912	Piping Specialty Item - Datasheet - Vent Silencer - Start-Up - 10-SP-29012	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	05/06/2019		
					Issue Actual	05/06/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01809		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2915	Piping Speacialty Item - Datasheet - Vent Silencer - Start-Up - 10-SP-29015	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	05/06/2019		
					Issue Actual	05/06/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01809		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2916	Piping Specialty Item - Datasheet - T-Type Filter - CT-2850 Suction - 10-SP-29016	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2919	Piping Specialty Item - Datasheet - T-Type Filter - P2862 A-B Suction - 10-SP-29019	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2920	Piping Specialty Item - Datasheet - T-Type Filter - CT-2800 Suction - 10-SP-29020	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	03/07/2019		
					Issue Actual	03/07/2019		
					Transmittal no.	TPSK-LSPA1-T-PE-02058		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2921	Piping Specialty Item - Datasheet - Vent Silencer - Start-Up - 10-SP-29021	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	05/06/2019		
					Issue Actual	05/06/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01809		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P03-2922	Piping Specialty Item - Datasheet - T-Type Filter - P-2802 A-B Suction - 10-SP-29022	Class 2	Purpose**	IFR		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2924	Piping Specialty Item - Datasheet - T-Type Filter - CT-2800 Suction - 10-SP-29024	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2926	Piping Specialty Item - Datasheet - Vent Silencer - Start-Up - 10-SP-29026	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	05/06/2019										
					Issue Actual	05/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01809										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2927	Piping Specialty Item - Datasheet - T-Type Filter - PT-2201A Suction - 10-SP-29027	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2928	Piping Specialty Item - Datasheet - T-Type Filter - PT-2801A Suction - 10-SP-29028	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02063										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2929	Piping Specialty Item - Datasheet - T-Type Filter - PT-2861A Suction - 10-SP-29029	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2931	Piping Specialty Item - Datasheet - T-Type Filter - P-2910 1st STG Suction - 10-SP-29031	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2932	Piping Specialty Item - Datasheet - T-Type Filter - P-2910 2nd STG Suction - 10-SP-29032	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2933	Piping Specialty Item - Datasheet - T-Type Filter - P-2910 3rD STG Suction - 10-SP-29033	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2934	Piping Specialty Item - Datasheet - T-Type Filter - P-2910 4th STG Suction - 10-SP-29034	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-2935	Piping Specialty Item - Datasheet - T-Type Filter - P-2910 5th STG Suction - 10-SP-29035	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/07/2019										
					Issue Actual	03/07/2019										
					Transmittal no.	TPSK-LSPA1-T-PE-02058										
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P03-3001	Piping Specialty Item - Datasheet - T-Type Filter - P-3002 A-B Suction - 10-SP-30001	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02012										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3002	Piping Specialty Item - Datasheet - T-Type Filter - P-3000 A-B Suction - 10-SP-30002	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3003	Piping Specialty Item - Datasheet - T-Type Filter - P-3016 A-B Suction - 10-SP-30003	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3004	Piping Specialty Item - Datasheet - T-Type Filter - P-3026 A-B Suction - 10-SP-30004	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3005	Piping Specialty Item - Datasheet - T-Type Filter - P-3020 A-B Suction - 10-SP-30005	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02012										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3008	Piping Specialty Item - Datasheet - T-Type Filter - P-3030 A-B Suction - 10-SP-30008	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3009	Piping Specialty Item - Datasheet - T-Type Filter - P-3045 A-B Suction - 10-SP-30009	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3010	Piping Specialty Item - Datasheet - T-Type Filter - P-3046 A-B Suction - 10-SP-30010	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3011	Piping Specialty Item - Datasheet - T-Type Filter - P-3036 A-B Suction - 10-SP-30011	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3012	Piping Specialty Item - Datasheet - T-Type Filter - P-3062 A-B Suction - 10-SP-30012	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3013	Piping Specialty Item - Datasheet - T-Type Filter - P-3086 A-B Suction - 10-SP-30013	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02009										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3014	Piping Specialty Item - Datasheet - T-Type Filter - P-3076 A-B Suction - 10-SP-30014	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02010										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3015	Piping Specialty Item - Datasheet - T-Type Filter - P-3056 A-B Suction - 10-SP-30015	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02010										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3016	Piping Specialty Item - Datasheet - T-Type Filter - P-3060 A-B Suction - 10-SP-30016	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02010										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3017	Piping Specialty Item - Datasheet - T-Type Filter - P-3061 A-B Suction - 10-SP-30017	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02010										
					Return Date	15/07/2019										
					Owner Cmmt*	R1										
	MP	OL1-2P03-3018	Piping Specialty Item - Datasheet - T-Type Filter - P-3096 A-B Suction - 10-SP-30018	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/06/2019										
					Issue Actual	27/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-02010										
					Return Date	15/07/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*	R1													
	MP	OL1-2P03-3019	Piping Specialty Item - Datasheet - T-Type Filter - P-3080 A-B Suction - 10-SP-30019	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/06/2019													
					Issue Actual	27/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-02010													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-5119	Piping Specialty Item - Datasheet - Exhaust Head - 10-SP-51019	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-5121	Piping Specialty Item - Datasheet - Vent Silencer -PV-5143 Outlet - 10-SP-51021	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-5122	Piping Specialty Item - Datasheet - Vent Silencer - PV-5147 Outlet - 10-SP-51022	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-5123	Piping Specialty Item - Datasheet - Vent Silencer - PV-5155 Outlet - 10-SP-51023	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-5124	Piping Specialty Item - Datasheet - Vent Silencer - PV-5158 Outlet - 10-SP-51024	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-5125	Piping Specialty Item - Datasheet - Vent Silencer - PV-5161 Outlet - 10-SP-51025	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P03-5126	Piping Specialty Item - Datasheet - Vent Silencer - PSV-5134 A-H- Outlet - 10-SP-51026	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01941													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-5130	Piping Specialty Item - Datasheet - Vent Silencer - PSV-5150 A-B-C-D Outlet - 10-SP-51030	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	20/06/2019													
					Issue Actual	20/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01941													
					Return Date	15/07/2019													
					Owner Cmmt*	R1													
	MP	OL1-2P03-5141	Piping Specialty Item - Datasheet - Exhaust Head - 10-SP-51041	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	05/06/2019													
					Issue Actual	05/06/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-01809													
					Return Date														
					Owner Cmmt*														
Category Code: P04 Piping design basic / philosophy / logic diagram				Class 1	Purpose**														
Category Code: P05 Piping calculation sheet / report					Rev.														
	MP	OL1-2P05-0002	CRITICAL LINE LIST - COOLING WATER UNIT	Class 3	Purpose**	IDD	IFC												
					Rev.														
					Issue Plan	30/09/2019	10/04/2020												
					Revised Plan	30/09/2019	10/04/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-0003	CRITICAL LINE LIST - MAIN PIPE RACK	Class 3	Purpose**	IDD	IFC												
					Rev.														
					Issue Plan	30/09/2019	10/04/2020												
					Revised Plan	30/09/2019	10/04/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-0004	CRITICAL LINE LIST - OFF-SITES	Class 3	Purpose**	IDD	IFC												
					Rev.														
					Issue Plan	30/09/2019	10/04/2020												
					Revised Plan	30/09/2019	10/04/2020												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														

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Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification				
	MP	OL1-2P05-0005	CRITICAL LINE LIST - WASTE WATER TREATMENT	Class 3	Purpose**	IDD	IFC	
					Rev.			
					Issue Plan	30/09/2019	10/04/2020	
					Revised Plan	30/09/2019	10/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0006	CRITICAL LINE LIST - FURNACES UTILITIES	Class 3	Purpose**	IDD	IFC	
					Rev.			
					Issue Plan	30/09/2019	10/04/2020	
					Revised Plan	30/09/2019	10/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0007	CRITICAL LINE LIST - FRACTIONATION 1 & 2	Class 3	Purpose**	IDD	IFC	
					Rev.			
					Issue Plan	30/09/2019	10/04/2020	
					Revised Plan	30/09/2019	10/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0008	CRITICAL LINE LIST - FRACTIONATION 3 & BUTADIENE EXTRACTION	Class 3	Purpose**	IDD	IFC	
					Rev.			
					Issue Plan	30/09/2019	10/04/2020	
					Revised Plan	30/09/2019	10/04/2020	
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0041	Loads On Rack 10-PRK-0P01	Class 2	Purpose**	IBD	IDD	
					Rev.	A	B	
					Issue Plan			
					Revised Plan	02/04/2019	10/07/2019	
					Issue Actual	02/04/2019	10/07/2019	
					Transmittal no.	TPSK-LSPA1-T-MP-01228	TPSK-LSPA1-T-MP-02108	
					Return Date	26/04/2019		
					Owner Cmmt*	R1		
	MP	OL1-2P05-0042	Loads On Rack 10-PRK-0P02	Class 2	Purpose**	IBD		
					Rev.	A		
					Issue Plan			
					Revised Plan	23/04/2019		
					Issue Actual	23/04/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01439		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0043	Loads On Rack 10-PRK-0P03	Class 2	Purpose**	IBD		
					Rev.	A		
					Issue Plan			
					Revised Plan	23/04/2019		
					Issue Actual	23/04/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01439		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0191	Loads On Rack 10-PRK-5F01	Class 2	Purpose**	IBD		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/07/2019		
					Issue Actual	15/07/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-02142		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0192	Loads On Sleeper Way 10-SLW-5F01	Class 2	Purpose**	IBD		
					Rev.	A		
					Issue Plan			
					Revised Plan	10/07/2019		
					Issue Actual	10/07/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-02103		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0212	Loads on Sleeper Way 10-SLW-5T02	Class 2	Purpose**	IBD		
					Rev.	A		
					Issue Plan			
					Revised Plan	15/07/2019		
					Issue Actual	15/07/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-02151		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0231	Loads On Rack 10-PRK-5U01	Class 2	Purpose**	IFD		
					Rev.	A		
					Issue Plan			
					Revised Plan	10/06/2019		
					Issue Actual	10/06/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01839		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-0251	Loads On Sleeper Way 10-SLW-5W01	Class 2	Purpose**	IFD		
					Rev.	A		
					Issue Plan			
					Revised Plan	10/06/2019		
					Issue Actual	10/06/2019		
					Transmittal no.	TPSK-LSPA1-T-MP-01839		
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-1101	PIPE STRESS ANALYSIS OF SYSTEM 1	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	08/10/2019		
					Revised Plan	08/10/2019		
					Issue Actual			
					Transmittal no.			
					Return Date			
					Owner Cmmt*			
	MP	OL1-2P05-1102	PIPE STRESS ANALYSIS OF SYSTEM 2	Class 3	Purpose**	IFI		
					Rev.			
					Issue Plan	08/10/2019		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1103	PIPE STRESS ANALYSIS OF SYSTEM 3	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1104	PIPE STRESS ANALYSIS OF SYSTEM 4	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1105	PIPE STRESS ANALYSIS OF SYSTEM 5	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1106	PIPE STRESS ANALYSIS OF SYSTEM 6	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1107	PIPE STRESS ANALYSIS OF SYSTEM 7	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1108	PIPE STRESS ANALYSIS OF SYSTEM 8	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1109	PIPE STRESS ANALYSIS OF SYSTEM 9	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1110	PIPE STRESS ANALYSIS OF SYSTEM 10	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1111	PIPE STRESS ANALYSIS OF SYSTEM 11	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1112	PIPE STRESS ANALYSIS OF SYSTEM 12	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1113	PIPE STRESS ANALYSIS OF SYSTEM 13	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1114	PIPE STRESS ANALYSIS OF SYSTEM 14	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1115	PIPE STRESS ANALYSIS OF SYSTEM 15	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1116	PIPE STRESS ANALYSIS OF SYSTEM 16	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1117	PIPE STRESS ANALYSIS OF SYSTEM 17	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1118	PIPE STRESS ANALYSIS OF SYSTEM 18	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1119	PIPE STRESS ANALYSIS OF SYSTEM 19	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1120	PIPE STRESS ANALYSIS OF SYSTEM 20	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1121	PIPE STRESS ANALYSIS OF SYSTEM 21	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1122	PIPE STRESS ANALYSIS OF SYSTEM 22	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1123	PIPE STRESS ANALYSIS OF SYSTEM 23	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1124	PIPE STRESS ANALYSIS OF SYSTEM 24	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1201	PIPE STRESS ANALYSIS OF SYSTEM 1	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1202	PIPE STRESS ANALYSIS OF SYSTEM 2	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1203	PIPE STRESS ANALYSIS OF SYSTEM 3	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1204	PIPE STRESS ANALYSIS OF SYSTEM 4	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1205	PIPE STRESS ANALYSIS OF SYSTEM 5	Class 3	Purpose**	IFI										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1206	PIPE STRESS ANALYSIS OF SYSTEM 6	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1207	PIPE STRESS ANALYSIS OF SYSTEM 7	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1208	PIPE STRESS ANALYSIS OF SYSTEM 8	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1209	PIPE STRESS ANALYSIS OF SYSTEM 9	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1210	PIPE STRESS ANALYSIS OF SYSTEM 10	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1211	PIPE STRESS ANALYSIS OF SYSTEM 11	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1212	PIPE STRESS ANALYSIS OF SYSTEM 12	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1213	PIPE STRESS ANALYSIS OF SYSTEM 13	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1214	PIPE STRESS ANALYSIS OF SYSTEM 14	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1215	PIPE STRESS ANALYSIS OF SYSTEM 15	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1216	PIPE STRESS ANALYSIS OF SYSTEM 16	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1217	PIPE STRESS ANALYSIS OF SYSTEM 17	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1218	PIPE STRESS ANALYSIS OF SYSTEM 18	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1219	PIPE STRESS ANALYSIS OF SYSTEM 19	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1220	PIPE STRESS ANALYSIS OF SYSTEM 20	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1221	PIPE STRESS ANALYSIS OF SYSTEM 21	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1222	PIPE STRESS ANALYSIS OF SYSTEM 22	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1223	PIPE STRESS ANALYSIS OF SYSTEM 23	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1224	PIPE STRESS ANALYSIS OF SYSTEM 24	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1301	PIPE STRESS ANALYSIS OF SYSTEM 1	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1302	PIPE STRESS ANALYSIS OF SYSTEM 2	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1303	PIPE STRESS ANALYSIS OF SYSTEM 3	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1304	PIPE STRESS ANALYSIS OF SYSTEM 4	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1305	PIPE STRESS ANALYSIS OF SYSTEM 5	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1306	PIPE STRESS ANALYSIS OF SYSTEM 6	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1307	PIPE STRESS ANALYSIS OF SYSTEM 7	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Owner Cmmt*											
	MP	OL1-2P05-1308	PIPE STRESS ANALYSIS OF SYSTEM 8	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1309	PIPE STRESS ANALYSIS OF SYSTEM 9	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1310	PIPE STRESS ANALYSIS OF SYSTEM 10	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1311	PIPE STRESS ANALYSIS OF SYSTEM 11	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1312	PIPE STRESS ANALYSIS OF SYSTEM 12	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1313	PIPE STRESS ANALYSIS OF SYSTEM 13	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1314	PIPE STRESS ANALYSIS OF SYSTEM 14	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1315	PIPE STRESS ANALYSIS OF SYSTEM 15	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1316	PIPE STRESS ANALYSIS OF SYSTEM 16	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1317	PIPE STRESS ANALYSIS OF SYSTEM 17	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1318	PIPE STRESS ANALYSIS OF SYSTEM 18	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1319	PIPE STRESS ANALYSIS OF SYSTEM 19	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1320	PIPE STRESS ANALYSIS OF SYSTEM 20	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1321	PIPE STRESS ANALYSIS OF SYSTEM 21	Class 3	Purpose**	IFI										
					Rev.											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1322	PIPE STRESS ANALYSIS OF SYSTEM 22	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1323	PIPE STRESS ANALYSIS OF SYSTEM 23	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1324	PIPE STRESS ANALYSIS OF SYSTEM 24	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1401	PIPE STRESS ANALYSIS OF SYSTEM 1	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1402	PIPE STRESS ANALYSIS OF SYSTEM 2	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1403	PIPE STRESS ANALYSIS OF SYSTEM 3	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1404	PIPE STRESS ANALYSIS OF SYSTEM 4	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1405	PIPE STRESS ANALYSIS OF SYSTEM 5	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1406	PIPE STRESS ANALYSIS OF SYSTEM 6	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1407	PIPE STRESS ANALYSIS OF SYSTEM 7	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1408	PIPE STRESS ANALYSIS OF SYSTEM 8	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1409	PIPE STRESS ANALYSIS OF SYSTEM 9	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P05-1410	PIPE STRESS ANALYSIS OF SYSTEM 10	Class 3	Purpose**	IFI											
					Rev.												
					Issue Plan	08/10/2019											
					Revised Plan	08/10/2019											
					Issue Actual												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1411	PIPE STRESS ANALYSIS OF SYSTEM 11	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1412	PIPE STRESS ANALYSIS OF SYSTEM 12	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1413	PIPE STRESS ANALYSIS OF SYSTEM 13	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1414	PIPE STRESS ANALYSIS OF SYSTEM 14	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1415	PIPE STRESS ANALYSIS OF SYSTEM 15	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1416	PIPE STRESS ANALYSIS OF SYSTEM 16	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1417	PIPE STRESS ANALYSIS OF SYSTEM 17	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1418	PIPE STRESS ANALYSIS OF SYSTEM 18	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1419	PIPE STRESS ANALYSIS OF SYSTEM 19	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1420	PIPE STRESS ANALYSIS OF SYSTEM 20	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1421	PIPE STRESS ANALYSIS OF SYSTEM 21	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1422	PIPE STRESS ANALYSIS OF SYSTEM 22	Class 3	Purpose**	IFI										
					Rev.											
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					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1423	PIPE STRESS ANALYSIS OF SYSTEM 23	Class 3	Purpose**	IFI										
					Rev.											
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					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
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LONG SON PETROCHEMICALS

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment Working Days

Item	Org.	Document No.	Document Name	Classification															
	MP	OL1-2P05-1424	PIPE STRESS ANALYSIS OF SYSTEM 24	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1501	PIPE STRESS ANALYSIS OF SYSTEM 1	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1502	PIPE STRESS ANALYSIS OF SYSTEM 2	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1503	PIPE STRESS ANALYSIS OF SYSTEM 3	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1504	PIPE STRESS ANALYSIS OF SYSTEM 4	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1505	PIPE STRESS ANALYSIS OF SYSTEM 5	Class 3	Purpose**	IFI													
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					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1506	PIPE STRESS ANALYSIS OF SYSTEM 6	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1507	PIPE STRESS ANALYSIS OF SYSTEM 7	Class 3	Purpose**	IFI													
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					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1508	PIPE STRESS ANALYSIS OF SYSTEM 8	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1509	PIPE STRESS ANALYSIS OF SYSTEM 9	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1510	PIPE STRESS ANALYSIS OF SYSTEM 10	Class 3	Purpose**	IFI													
					Rev.														
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					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1511	PIPE STRESS ANALYSIS OF SYSTEM 11	Class 3	Purpose**	IFI													
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					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
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	MP	OL1-2P05-1512	PIPE STRESS ANALYSIS OF SYSTEM 12	Class 3	Purpose**	IFI													
					Rev.														
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					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1513	PIPE STRESS ANALYSIS OF SYSTEM 13	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1514	PIPE STRESS ANALYSIS OF SYSTEM 14	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1515	PIPE STRESS ANALYSIS OF SYSTEM 15	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1516	PIPE STRESS ANALYSIS OF SYSTEM 16	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1517	PIPE STRESS ANALYSIS OF SYSTEM 17	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1518	PIPE STRESS ANALYSIS OF SYSTEM 18	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1519	PIPE STRESS ANALYSIS OF SYSTEM 19	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1520	PIPE STRESS ANALYSIS OF SYSTEM 20	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1521	PIPE STRESS ANALYSIS OF SYSTEM 21	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1522	PIPE STRESS ANALYSIS OF SYSTEM 22	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1523	PIPE STRESS ANALYSIS OF SYSTEM 23	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1524	PIPE STRESS ANALYSIS OF SYSTEM 24	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1601	PIPE STRESS ANALYSIS OF SYSTEM 1	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P05-1602	PIPE STRESS ANALYSIS OF SYSTEM 2	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	08/10/2019													
					Revised Plan	08/10/2019													
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1603	PIPE STRESS ANALYSIS OF SYSTEM 3	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1604	PIPE STRESS ANALYSIS OF SYSTEM 4	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1605	PIPE STRESS ANALYSIS OF SYSTEM 5	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1606	PIPE STRESS ANALYSIS OF SYSTEM 6	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1607	PIPE STRESS ANALYSIS OF SYSTEM 7	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1608	PIPE STRESS ANALYSIS OF SYSTEM 8	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1609	PIPE STRESS ANALYSIS OF SYSTEM 9	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1610	PIPE STRESS ANALYSIS OF SYSTEM 10	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1611	PIPE STRESS ANALYSIS OF SYSTEM 11	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1612	PIPE STRESS ANALYSIS OF SYSTEM 12	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1613	PIPE STRESS ANALYSIS OF SYSTEM 13	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1614	PIPE STRESS ANALYSIS OF SYSTEM 14	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1615	PIPE STRESS ANALYSIS OF SYSTEM 15	Class 3	Purpose**	IFI										
					Rev.											
					Issue Plan	08/10/2019										
					Revised Plan	08/10/2019										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P05-1616	PIPE STRESS ANALYSIS OF SYSTEM 16	Class 3	Purpose**	IFI										

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LONG SON PETROCHEMICALS	Master Document Index (MDI)	ABBREVIATION				DOCUMENT NO.	REV.
		**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification	
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		IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information	
Owner: Long Son Pterochemicals C0., Ltd.	Plant Name: PACKAGE A1: OLEFINS PLANT	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date 02/09/19
	Att. To OL1-2W91-0001 036909C-1000-NM-107	IFP = Issue For Planning	/ Execution				
Document Code :		IFD = Issue For Design	CAN = Issue for Cancellation	Period for Company's comment		Working Days	

Item	Org.	Document No.	Document Name	Classification														
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1617	PIPE STRESS ANALYSIS OF SYSTEM 17	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1618	PIPE STRESS ANALYSIS OF SYSTEM 18	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1619	PIPE STRESS ANALYSIS OF SYSTEM 19	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1620	PIPE STRESS ANALYSIS OF SYSTEM 20	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1621	PIPE STRESS ANALYSIS OF SYSTEM 21	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1622	PIPE STRESS ANALYSIS OF SYSTEM 22	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1623	PIPE STRESS ANALYSIS OF SYSTEM 23	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-1624	PIPE STRESS ANALYSIS OF SYSTEM 24	Class 3	Purpose**	IFI												
					Rev.													
					Issue Plan	08/10/2019												
					Revised Plan	08/10/2019												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-2001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 0C	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-2501	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 5T	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-3001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 0P	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-4001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 5R	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-4501	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 5F	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-5001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 5W	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-6001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 1B	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-7001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 2A	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-7201	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 2B	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-7401	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 2D	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-7601	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 2E	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-7801	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 5U	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-8001	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 2C	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P05-8501	COMPUTER STRESS ANALYSIS CALCULATION NOTES - ZONE 3A	Class 3	Purpose**	IFC												
					Rev.													
					Issue Plan	18/03/2021												
					Revised Plan	18/03/2021												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: P06 Piping drawing																		
	MP	OL1-2P06-0001	GENERAL PLOT PLAN	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	10/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	10/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0002	DETAIL PLOT PLAN METERING STATION	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-00871												
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0003	DETAIL PLOT-PLAN MAIN PIPE RACK	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0004	DETAIL PLOT-PLAN ELECTRICAL SUB-STATION & FAR E	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-00871												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document
IFR = Issue For Review
IFA = Issue For Approval
IFC = Issue For Construction
IFI = Issue For Information
IFP = Issue For Planning
IFD = Issue For Design
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/ Execution
CAN = Issue for Cancellation

Owner Feedback (Comment)
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A4 = Not App., re-submit for approval
R1 = No comments
R2 = Comments as noted

Classification
Class 1 = For Approval
Class 2 = For Review
Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0005	DETAIL PLOT PLAN FURNACES	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-00871												
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0006	DETAIL PLOT PLAN FURNACES AND AUXILIARIES	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	07/03/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	07/03/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01003	TPSK-LSPA1-T-MP-01752											
					Return Date	01/04/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0007	DETAIL PLOT PLAN QUENCH	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0008	DETAIL PLOT PLAN C3 HYDROGENATION	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0009	DETAIL PLOT PLAN HOT FRACTIONATION / GHU UNIT	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0010	DETAIL PLOT PLAN PROCESS COLD COMPRESSORS	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0011	DETAIL PLOT PLAN CRACKED GAS COMPRESSOR / DE-PROPANIZER 7 C2 HYDROGENATION	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0012	DETAIL PLOT PLAN BUTADIENE EXTRACTION UNIT	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0013	DETAIL PLOT-PLAN ELECTRICAL SUB-STATION & FAR C	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-00871												
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0014	DETAIL PLOT PLAN FLARE UNIT	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	12/03/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01031												
					Return Date	01/04/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0015	DETAIL PLOT PLAN COOLING WATER UNIT	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0016	DETAIL PLOT PLAN UTILITIES	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	15/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0017	DETAIL PLOT PLAN WASTE WATER TREATMENT UNIT	Class 1	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A	B											
					Issue Plan	19/03/2019	02/05/2019	17/09/2019	01/04/2020									
					Revised Plan	16/02/2019	28/05/2019	17/09/2019	01/04/2020									
					Issue Actual	15/02/2019	28/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00871	TPSK-LSPA1-T-MP-01752											
					Return Date	15/03/2019												
					Owner Cmmt*	R2												
	MP	OL1-2P06-0020	GENERAL KEY-PLAN	Class 3	Purpose**	IFR	IBD	IDD	IFC									

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0021	DETAIL KEY-PLAN METERING STATION	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01468											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0022	DETAIL KEY-PLAN MAIN PIPE RACK	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0023	DETAIL KEY-PLAN ELECTRICAL SUB-STATION & FAR E	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.												
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0024	DETAIL KEY-PLAN FURNACES	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0025	DETAIL KEY-PLAN FURNACES AUXILIARIES	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0026	DETAIL KEY-PLAN QUENCH	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0027	DETAIL KEY-PLAN C3 HYDROGENATION	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0028	DETAIL KEY-PLAN HOT FRACTIONATION / GHU DETAIL	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0029	DETAIL KEY-PLAN COLD COMPRESSORS	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0030	DETAIL KEY-PLAN CRACKED GAS COMPRESSOR / DE-PROPANIZER 7 C2 HYDROGENATION	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	30/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01767											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0031	DETAIL KEY-PLAN BUTADIENE EXTRACTION DETAIL	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.	A											
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual	18/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01904											
					Return Date	04/07/2019											
					Owner Cmmt*	R1											
	MP	OL1-2P06-0032	DETAIL KEY-PLAN ELECTRICAL SUB-STATION & FAR C	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.												
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0033	DETAIL KEY-PLAN FLARE DETAIL	Class 3	Purpose**	IFR	IBD	IDD	IFC								
					Rev.												
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020								
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020								

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LONG SON PETROCHEMICALS

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IFP = Issue For Planning	/ Execution			
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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment								Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0034	DETAIL KEY-PLAN COOLING WATER DETAIL	Class 3	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020									
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020									
					Issue Actual	30/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01767												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0035	DETAIL KEY-PLAN UTILITIES	Class 3	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020									
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020									
					Issue Actual	30/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01767												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0036	DETAIL KEY-PLAN WASTE WATER TREATMENT DETAIL	Class 3	Purpose**	IFR	IBD	IDD	IFC									
					Rev.	A												
					Issue Plan	29/03/2019	09/05/2019	30/09/2019	20/04/2020									
					Revised Plan	31/05/2019	15/06/2019	30/09/2019	20/04/2020									
					Issue Actual	30/05/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01767												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0040	UTILITY STATION PLOT PLAN MAIN PIPE RACK	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0041	UTILITY STATION PLOT PLAN FURNACES AUXILIARIES	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0042	UTILITY STATION PLOT PLAN QUENCH	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0043	UTILITY STATION PLOT PLAN C3 HYDROGENATION	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0044	UTILITY STATION PLOT PLAN HOT FRACTIONATION / GHU UNIT	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0045	UTILITY STATION PLOT PLAN COLD COMPRESSORS	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0046	UTILITY STATION PLOT PLAN CRACKED GAS COMPRESSOR / DE-PROPANIZER 7 C2 HYDROGENATION	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0047	UTILITY STATION PLOT PLAN BUTADIENE EXTRACTION UNIT	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0048	UTILITY STATION PLOT PLAN FLARE UNIT	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2P06-0049	UTILITY STATION PLOT PLAN COOLING WATER UNIT	Class 3	Purpose**	IFF												
					Rev.													
					Issue Plan	30/04/2020												
					Revised Plan	30/04/2020												
					Issue Actual													
					Transmittal no.													
					Return Date													

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification												Working Days			
					Owner Cmmt*														
	MP	OL1-2P06-0050	UTILITY STATION PLOT PLAN UTILITIES	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	30/04/2020													
					Revised Plan	30/04/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0051	UTILITY STATION PLOT PLAN WASTE WATER TREATMENT UNIT	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	30/04/2020													
					Revised Plan	30/04/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0060	STEAM TRACING MANIFOLDS LOCATION PLAN MAIN PIPE RACK	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0061	STEAM TRACING MANIFOLDS LOCATION PLAN QUENCH	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0062	STEAM TRACING MANIFOLDS LOCATION PLAN C3 HYDROGENATION	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0063	STEAM TRACING MANIFOLDS LOCATION PLAN HOT FRACTIONATION / GHU UNIT	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0064	STEAM TRACING MANIFOLDS LOCATION PLAN COLD COMPRESSORS	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0065	STEAM TRACING MANIFOLDS LOCATION PLAN CRACKED GAS COMPRESSOR / DE-PROPANIZER 7 C2 HYDROG	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0066	STEAM TRACING MANIFOLDS LOCATION PLAN BUTADIENE EXTRACTION UNIT	Class 3	Purpose**	IFF													
					Rev.														
					Issue Plan	01/09/2020													
					Revised Plan	01/09/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0070	GAD KEY-PLAN MAIN PIPE RACK	Class 3	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	20/11/2020	30/01/2021												
					Revised Plan	20/11/2020	30/01/2021												
					Issue Actual	17/04/2019													
					Transmittal no.	TPSK-LPSA1-T-MP-01394													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0071	GAD KEY-PLAN METERING STATION	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	20/11/2020	30/01/2021												
					Revised Plan	20/11/2020	30/01/2021												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0072	GAD KEY-PLAN ELECTRICAL SUB-STATION & FAR E	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	20/11/2020	30/01/2021												
					Revised Plan	20/11/2020	30/01/2021												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0073	GAD KEY-PLAN FURNACES AUXILIARIES	Class 3	Purpose**	IFR	IFC												
					Rev.	A													
					Issue Plan	20/11/2020	30/01/2021												
					Revised Plan	20/11/2020	30/01/2021												
					Issue Actual	17/04/2019													
					Transmittal no.	TPSK-LPSA1-T-MP-01394													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-0074	GAD KEY-PLAN QUENCH	Class 3	Purpose**	IFR	IFC												
					Rev.	A													

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0075	GAD KEY-PLAN C3 HYDROGENATION	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0076	GAD KEY-PLAN HOT FRACTIONATION / GHU UNIT	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0077	GAD KEY-PLAN COLD COMPRESSORS	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0078	GAD KEY-PLAN CRACKED GAS COMPRESSOR / DE-PROPANIZER 7 C2 HYDROGENATION	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0079	GAD KEY-PLAN BUTADIENE EXTRACTION UNIT	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0080	GAD KEY-PLAN ELECTRICAL SUB-STATION & FAR C	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0081	GAD KEY-PLAN FLARE UNIT	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0082	GAD KEY-PLAN FLARE LINES ROUTING	Class 3	Purpose**	IFR	IFC										
					Rev.												
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0083	GAD KEY-PLAN COOLING WATER UNIT	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0084	GAD KEY-PLAN UTILITIES	Class 3	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0085	STD.AUX.PIPE SUPPORTS COLLECTION	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	20/11/2020	30/01/2021										
					Revised Plan	20/11/2020	30/01/2021										
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-0086	GAD KEY-PLAN WASTE WATER TREATMENT UNIT	Class 3	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	17/04/2019											
					Issue Actual	17/04/2019											
					Transmittal no.	TPSK-LPSA1-T-MP-01394											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P06-2000	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 0C	Class 3	Purpose**	IFC1	IFC2	IFC3									
					Rev.												
					Issue Plan	21/05/2020	29/07/2020	04/03/2021									
					Revised Plan	21/05/2020	29/07/2020	04/03/2021									
					Issue Actual												

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification		Period for Company's comment			Working Days
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-2500	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 5T	Class 3	Purpose**	IFC1	IFC2	IFC3	
					Rev.				
					Issue Plan	21/05/2020	29/07/2020	04/03/2021	
					Revised Plan	21/05/2020	29/07/2020	04/03/2021	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-2901	MISC ENGINEERED SUPPORTS	Class 3	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	19/11/2019	17/12/2019		
					Revised Plan	19/11/2019	17/12/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-2902	ENGINEERED SUPPORTS FOR SPRING HANGERS	Class 3	Purpose**	IFD	IFC		
					Rev.				
					Issue Plan	09/07/2019	06/08/2019		
					Revised Plan	09/07/2019	06/08/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-3000	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 0P	Class 3	Purpose**	IFC1	IFC2	IFC3	
					Rev.				
					Issue Plan	21/05/2020	29/07/2020	04/03/2021	
					Revised Plan	21/05/2020	29/07/2020	04/03/2021	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-3901	MISC ENGINEERED SUPPORTS	Class 3	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	19/11/2019	17/12/2019		
					Revised Plan	19/11/2019	17/12/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-3902	ENGINEERED SUPPORTS FOR SPRING HANGERS	Class 3	Purpose**	IFD	IFC		
					Rev.				
					Issue Plan	09/07/2019	06/08/2019		
					Revised Plan	09/07/2019	06/08/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-4500	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 5F	Class 3	Purpose**	IFC1	IFC2	IFC3	
					Rev.				
					Issue Plan	21/05/2020	29/07/2020	04/03/2021	
					Revised Plan	21/05/2020	29/07/2020	04/03/2021	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-4901	MISC ENGINEERED SUPPORTS	Class 3	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	19/11/2019	17/12/2019		
					Revised Plan	19/11/2019	17/12/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-4902	ENGINEERED SUPPORTS FOR SPRING HANGERS	Class 3	Purpose**	IFD	IFC		
					Rev.				
					Issue Plan	09/07/2019	06/08/2019		
					Revised Plan	09/07/2019	06/08/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-5000	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 2C	Class 3	Purpose**	IFC1	IFC2	IFC3	
					Rev.				
					Issue Plan	21/05/2020	29/07/2020	04/03/2021	
					Revised Plan	21/05/2020	29/07/2020	04/03/2021	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-5500	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 3A	Class 3	Purpose**	IFC1	IFC2	IFC3	
					Rev.				
					Issue Plan	21/05/2020	29/07/2020	04/03/2021	
					Revised Plan	21/05/2020	29/07/2020	04/03/2021	
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-5901	MISC ENGINEERED SUPPORTS	Class 3	Purpose**	IFR	IFC		
					Rev.				
					Issue Plan	19/11/2019	17/12/2019		
					Revised Plan	19/11/2019	17/12/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
					Owner Cmmt*				
	MP	OL1-2P06-5902	ENGINEERED SUPPORTS FOR SPRING HANGERS	Class 3	Purpose**	IFD	IFC		
					Rev.				
					Issue Plan	09/07/2019	06/08/2019		
					Revised Plan	09/07/2019	06/08/2019		
					Issue Actual				
					Transmittal no.				
					Return Date				
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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
	MP	OL1-2P06-6000	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 1B	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-6901	MISC ENGINEERED SUPPORTS	Class 3	Purpose**	IFR	IFC												
					Rev.														
					Issue Plan	19/11/2019	17/12/2019												
					Revised Plan	19/11/2019	17/12/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-6902	ENGINEERED SUPPORTS FOR SPRING HANGERS	Class 3	Purpose**	IFD	IFC												
					Rev.														
					Issue Plan	09/07/2019	06/08/2019												
					Revised Plan	09/07/2019	06/08/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-7000	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 2A	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-7200	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 2B	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-7400	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 2D	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-7600	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 2E	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-7800	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 5U	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P06-8000	SPECIAL AUX.PIPE SUPP.COLLECTION - ZONE 5W	Class 3	Purpose**	IFC1	IFC2	IFC3											
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	04/03/2021											
					Revised Plan	21/05/2020	29/07/2020	04/03/2021											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: P07 Piping certification, inspection and test record				Class 1	Purpose**														
Category Code: P08 Piping Material Take-off (MTO)					Rev.														
Category Code: P09 Painting Material Take-off (MTO)					Issue Plan														
Category Code: P10 Insulation Material Take-off (MTO)					Revised Plan														
	MP	OL1-2P10-10YY	FURNACE 10-H-1100 SMALL BORE PIPING ISOMETRICS (THIS WILL INCLUDE ALL FURNACE 10-H-1100 SMAL	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	30/04/2020													
					Revised Plan	30/04/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P10-20YY	FURNACE 10-H-1200 SMALL BORE PIPING ISOMETRICS (THIS WILL INCLUDE ALL FURNACE 10-H-1200 SMAL	Class 3	Purpose**	IFI													
					Rev.														
					Issue Plan	30/04/2020													
					Revised Plan	30/04/2020													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: P20 Aboveground Piping General Arrangement Drawings				Class 3	Purpose**														
	MP	OL1-2P20-0100	GAD (N...)	Class 3	Purpose**	IFC													
					Rev.														
					Issue Plan	30/05/2021													
					Revised Plan	30/05/2021													
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P20-0101	GAD BATTERY LIMIT OL1-A	Class 3	Purpose**	IFC													
					Rev.														
					Issue Plan	30/05/2021													
					Revised Plan	30/05/2021													
					Issue Actual														
					Transmittal no.														

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-0200	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-0300	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-0400	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-1000	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-2200	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-2300	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-2301	GAD BATTERY LIMIT OU1-A	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-2400	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-2500	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-3000	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-5100	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-5200	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-5300	GAD (N...)	Class 3	Purpose**	IFC										
					Rev.											
					Issue Plan	30/05/2021										
					Revised Plan	30/05/2021										
					Issue Actual											
					Transmittal no.											
					Return Date											
					Owner Cmmt*											
	MP	OL1-2P20-5400	GAD (N...)	Class 3	Purpose**	IFC										

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Rev.												
					Issue Plan	30/05/2021											
					Revised Plan	30/05/2021											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P20-5500	GAD (N...)	Class 3	Purpose**	IFC											
					Rev.												
					Issue Plan	30/05/2021											
					Revised Plan	30/05/2021											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: P21 Underground Piping General Arrangement Drawings																	
Category Code: P22 Aboveground Piping Isometric Drawings																	
Category Code: P23 Underground Piping Isometric Drawings																	
Category Code: P25 Pipe support drawing																	
	MP	OL1-2P25-0085	Standard Auxiliary Piping Support Collection	Class 2	Purpose**	IFR	IFC										
					Rev.	A											
					Issue Plan	31/01/2019	28/02/2019										
					Revised Plan	20/02/2019	31/05/2019										
					Issue Actual	20/02/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00896											
					Return Date	05/04/2019											
					Owner Cmmt*	R2											
Category Code: P30 3D Model Review File																	
	MP	OL1-2P30-0014	Model Review Report Furnace Island Action List 30 Percent	Class 2	Purpose**	IFR	IFR	IFR									
					Rev.	A	B	C									
					Issue Plan												
					Revised Plan	11/04/2019	30/05/2019	10/07/2019									
					Issue Actual	11/04/2019	30/05/2019	10/07/2019									
					Transmittal no.	TPSK-LSPA1-T-MP-01331	TPSK-LSPA1-T-MP-01782	TPSK-LSPA1-T-MP-02107									
					Return Date	27/05/2019											
					Owner Cmmt*	R2											
	MP	OL1-2P30-0020	Model Review Report Metering Station And General Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0022	Model Review Report Furnace Utilities And Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0024	Model Review Report C3 Hydrogenation Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0025	Model Review Report Hot Fractioning Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0026	Model Review Report Cold Compression Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0027	Model Review Report Cracked Gas Compressor Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0028	Model Review Report Butadeine Extraction Unit Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0029	Model Review Report Flare Unit Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P30-0030	Model Review Report Cooling Water Unit Action List 30 Per Cent	Class 2	Purpose**	IFI											
					Rev.	0											
					Issue Plan												
					Revised Plan	15/07/2019											
					Issue Actual	15/07/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-02145											
					Return Date												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*														
	MP	OL1-2P30-0031	Model Review Report Utilities And Flare KO Drum Action List 30 Per Cent	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-02145													
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P30-0032	Model Review Report Waste Water Treatment Unit Action List 30 Per Cent	Class 2	Purpose**	IFI													
					Rev.	0													
					Issue Plan														
					Revised Plan	15/07/2019													
					Issue Actual	15/07/2019													
					Transmittal no.	TPSK-LSPA1-T-MP-02145													
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0002	AUX.PIPE SUPP.LIST & BILL OF MTL - COOLING WATER UNIT	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0003	AUX.PIPE SUPP.LIST & BILL OF MTL - MAIN PIPE RACK	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0004	AUX.PIPE SUPP.LIST & BILL OF MTL - OFF-SITES	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0005	AUX.PIPE SUPP.LIST & BILL OF MTL - WASTE WATER TREATMENT	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0006	AUX.PIPE SUPP.LIST & BILL OF MTL - FURNACES UTILITIES	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0007	AUX.PIPE SUPP.LIST & BILL OF MTL - FRACTIONATION 1 & 2	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-P30-0008	AUX.PIPE SUPP.LIST & BILL OF MTL - FRACTIONATION 3 & BUTADIENE EXTRACTION	Class 3	Purpose**	IFC	IFC1	IFC2	IFC3										
					Rev.														
					Issue Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Revised Plan	21/05/2020	29/07/2020	16/11/2020	04/03/2021										
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: P40 Piping Generic Lists																			
	MP	OL1-2P40-0007	TIE-INS / INTERFACE POINTS LIST	Class 2	Purpose**	IBD	IDD1	IDD2	IFC1	IFC2									
					Rev.														
					Issue Plan	20/03/2019	06/08/2019	12/11/2019	07/02/2020	30/04/2020									
					Revised Plan	20/03/2019	06/08/2019	12/11/2019	07/02/2020	30/04/2020									
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	MP	OL1-2P40-0008	STEAM TRACING MANIFOLD LIST	Class 3	Purpose**	IFR	IDD	IFC											
					Rev.														
					Issue Plan	12/11/2019	20/03/2020	30/04/2020											
					Revised Plan	12/11/2019	20/03/2020	30/04/2020											
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
Category Code: P71 Appraisal Report for Consultancy Service																			
Category Code: P72 Appraisal Report for EPC Contractor Work																			
Category Code: P73 Appraisal Report for Vendor/Supplier																			
Category Code: P90 Vendor Document/drawings																			
Category Code: P91 Index/List																			
	MP	OL1-2P91-1001	LINE LIST - OLEFINS PROCESS AREA 10	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3							
					Rev.		A												
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020							
					Revised Plan	26/04/2019	02/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020							
					Issue Actual		01/05/2019												
					Transmittal no.		TPSK-LSPA1-T-MP-01541												
					Return Date		24/05/2019												
					Owner Cmmt*		R2												
	MP	OL1-2P91-1101	LINE DESIGNATION TABLE - FURNACE AREA	Class 2	Purpose**	IFR	IBD	IFD	IFF										
					Rev.		A												
					Issue Plan	10/01/2019	15/02/2019	10/06/2019	03/09/2019										
					Revised Plan	26/02/2019	26/02/2019	26/02/2019	03/09/2019										

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LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment		Working Days
					Issue Actual		26/02/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00933										
					Return Date		15/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-1201	LINE DESIGNATION TABLE - FURNACE AREA	Class 2	Purpose**	IFR	IBD	IFD	IFF								
					Rev.		A										
					Issue Plan	10/01/2019	15/02/2019	10/06/2019	03/09/2019								
					Revised Plan	26/02/2019	26/02/2019	26/02/2019	03/09/2019								
					Issue Actual		26/02/2019										
					Transmittal no.		TPSK-LSPA1-T-PE-00934										
					Return Date		15/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-1301	LINE DESIGNATION TABLE - FURNACE AREA	Class 2	Purpose**	IFF											
					Rev.												
					Issue Plan	24/05/2019											
					Revised Plan	24/05/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P91-1401	LINE DESIGNATION TABLE - FURNACE AREA	Class 2	Purpose**	IFF											
					Rev.												
					Issue Plan	24/05/2019											
					Revised Plan	24/05/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P91-1501	LINE DESIGNATION TABLE - FURNACE AREA	Class 2	Purpose**	IFF											
					Rev.												
					Issue Plan	24/05/2019											
					Revised Plan	24/05/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P91-1601	LINE DESIGNATION TABLE - FURNACE AREA	Class 2	Purpose**	IFF											
					Rev.												
					Issue Plan	24/05/2019											
					Revised Plan	24/05/2019											
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P91-1901	Line Designation Table - Furnace Auxiliaries	Class 2	Purpose**	IBD											
					Rev.	A											
					Issue Plan												
					Revised Plan	16/04/2019											
					Issue Actual	16/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP -01375											
					Return Date	24/05/2019											
					Owner Cmmt*	A2											
	MP	OL1-2P91-2001	LINE LIST - OLEFINS PROCESS AREA 20	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	18/03/2019	23/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		23/04/2019										
					Transmittal no.		TPSK-LSPA1-T-MP-01450										
					Return Date		24/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-2101	LINE LIST - OLEFINS PROCESS AREA 21	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	18/03/2019	26/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		26/04/2019										
					Transmittal no.		TPSK-LSPA1-T-MP-01497										
					Return Date		24/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-2201	LINE LIST - OLEFINS PROCESS AREA 22	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	16/04/2019	16/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		16/04/2019										
					Transmittal no.		TPSK-LSPA1-T-MP -01375										
					Return Date		24/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-2301	LINE LIST - OLEFINS PROCESS AREA 23	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	16/04/2019	16/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		16/04/2019										
					Transmittal no.		TPSK-LSPA1-T-MP -01375										
					Return Date		24/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-2401	LINE LIST - OLEFINS PROCESS AREA 24	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	26/04/2019	30/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		30/04/2019										
					Transmittal no.		TPSK-LSPA1-T-MP-01531										
					Return Date		24/05/2019										
					Owner Cmmt*		R2										
	MP	OL1-2P91-2501	LINE LIST - OLEFINS PROCESS AREA 25	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	19/04/2019	24/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		24/04/2019										
					Transmittal no.		TPSK-LSPA1-T-MP-01466										
					Return Date		24/05/2019										
					Owner Cmmt*		R1										
	MP	OL1-2P91-2601	LINE LIST - OLEFINS PROCESS AREA 26	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3					
					Rev.		A										
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020					
					Issue Actual		13/05/2019										
					Transmittal no.		TPSK-LSPA1-T-MP-01651										
					Return Date		24/05/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification											Period for Company's comment	Working Days
					Owner Cmmt*		R2									
	MP	OL1-2P91-2701	LINE LIST - OLEFINS PROCESS AREA 27	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		13/05/2019									
					Transmittal no.		TPSK-LSPA1-T-MP -01656									
					Return Date		24/05/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-2801	LINE LIST - OLEFINS PROCESS AREA 28	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	16/04/2019	26/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		26/04/2019									
					Transmittal no.		TPSK-LSPA1-T-MP-01497									
					Return Date		24/05/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-2901	LINE LIST - OLEFINS PROCESS AREA 29	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	19/03/2019	26/03/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	18/03/2019	08/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		08/05/2019									
					Transmittal no.		TPSK-LSPA1-T-MP-01620									
					Return Date		24/05/2019									
					Owner Cmmt*		R1									
	MP	OL1-2P91-3001	LINE LIST - OLEFINS PROCESS AREA 30	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		03/06/2019									
					Transmittal no.		TPSK-LSPA1-T-MP-01795									
					Return Date		21/06/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-3101	Line Designation Table - Butadiene Extraction Unit Utilities	Class 2	Purpose**	IBD										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/06/2019										
					Issue Actual	03/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01795										
					Return Date	21/06/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P91-3901	Line Designation Table - C4 Unit Auxiliaries	Class 2	Purpose**	IBD										
					Rev.	A										
					Issue Plan											
					Revised Plan	03/06/2019										
					Issue Actual	03/06/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01795										
					Return Date	21/06/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P91-5001	LINE LIST - OLEFINS UTILITY AREA 50	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		08/05/2019									
					Transmittal no.		TPSK-LSPA1-T-MP-01620									
					Return Date		24/05/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-5101	Line Designation Table - BFW - Steam - Steam Condensate System	Class 2	Purpose**	IBD										
					Rev.	A										
					Issue Plan											
					Revised Plan	13/05/2019										
					Issue Actual	13/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP -01656										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P91-5201	Line Designation Table - Fuel System	Class 2	Purpose**	IBD										
					Rev.	A										
					Issue Plan											
					Revised Plan	09/05/2019										
					Issue Actual	09/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01627										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P91-5301	LINE LIST - OLEFINS UTILITY AREA 53	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		13/05/2019									
					Transmittal no.		TPSK-LSPA1-T-MP -01656									
					Return Date		24/05/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-5401	Line Designation Table - Plant Air - Instrument Air - Nitrogen	Class 2	Purpose**	IBD										
					Rev.	A										
					Issue Plan											
					Revised Plan	09/05/2019										
					Issue Actual	09/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01627										
					Return Date	24/05/2019										
					Owner Cmmt*	R2										
	MP	OL1-2P91-5501	LINE LIST - OLEFINS UTILITY AREA 55	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		13/05/2019									
					Transmittal no.		TPSK-LSPA1-T-MP -01648									
					Return Date		24/05/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-5601	LINE LIST - OLEFINS UTILITY AREA 56	Class 3	Purpose**	IFR	IBD	IDD1	IDD2	IFC1	IFC2	IFC3				
					Rev.		A									
					Issue Plan	04/04/2019	25/04/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Revised Plan	28/05/2019	28/05/2019	06/09/2019	26/11/2019	21/02/2020	13/05/2020	05/08/2020				
					Issue Actual		13/05/2019									
					Transmittal no.		TPSK-LSPA1-T-MP -01656									
					Return Date		24/05/2019									
					Owner Cmmt*		R2									
	MP	OL1-2P91-5701	Line Designation Table - Fire Water	Class 2	Purpose**	IFR										
					Rev.	A										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

Revision Purpose of Issued Document: IFR = Issue For Review; IFA = Issue For Approval; IFC = Issue For Construction; IFI = Issue For Information; IFP = Issue For Planning; IFD = Issue For Design; IFF = Issue For Final; ASB = Issue For As-Built; AFC = Approved for Construction; IMP = Issue for Implementation; / Execution; CAN = Issue for Cancellation

Owner Feedback (Comment): A1 = App. w/o comments; A2 = App. with comments, re-submit not required; A3 = App. with comments, re-submit for review; A4 = Not App., re-submit for approval; R1 = No comments; R2 = Comments as noted

Classification: Class 1 = For Approval; Class 2 = For Review; Class 3 = For Information

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
					Issue Plan	10/06/2019											
					Revised Plan	10/06/2019											
					Issue Actual	10/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01841											
					Return Date												
					Owner Cmmt*												
	MP	OL1-2P91-5901	Line Designation Table - Supporting Utilities Auxiliaries	Class 2	Purpose**	IBD											
					Rev.	A											
					Issue Plan												
					Revised Plan	08/05/2019											
					Issue Actual	08/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01620											
					Return Date	24/05/2019											
					Owner Cmmt*	R2											
Category Code: P92 Procedures & Standards																	
	MP	OL1-2P92-0001	PIPING STANDARD ASSEMBLY COLLECTION		Purpose**	IFR	IMP										
					Rev.	A											
					Issue Plan	28/02/2019	17/03/2019										
					Revised Plan	28/05/2019	30/06/2019										
					Issue Actual	20/06/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01927											
					Return Date	10/07/2019											
					Owner Cmmt*	R1											
	MP	OL1-2P92-0002	Piping Design Standard Drawings	Class 2	Purpose**	IFR	CAN										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	08/08/2018	16/11/2018										
					Issue Actual	08/08/2018	16/11/2018										
					Transmittal no.	TPSK-LSPA1-T-MP-00012	TPSK-LSPA1-T-MP-00325										
					Return Date	26/09/2018	07/12/2018										
					Owner Cmmt*	A4	R1										
	MP	OL1-2P92-0003	Piping Construction Drawing	Class 2	Purpose**	IFR	CAN										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	08/08/2018	16/11/2018										
					Issue Actual	08/08/2018	16/11/2018										
					Transmittal no.	TPSK-LSPA1-T-MP-00012	TPSK-LSPA1-T-MP-00325										
					Return Date	26/09/2018	07/12/2018										
					Owner Cmmt*	A4	R1										
	MP	OL1-2P92-0004	JOB CONSTRUCTION SPECIFICATION FOR BOLTED FLANGED JOINT ASSEMBLY	Class 2	Purpose**	IFR	IMP										
					Rev.	A											
					Issue Plan	06/04/2019	06/05/2019										
					Revised Plan	10/05/2019	06/08/2019										
					Issue Actual	10/05/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-01635											
					Return Date	31/05/2019											
					Owner Cmmt*	R2											
	MP	OL1-2P92-0007	CONSTRUCTION SPECIFICATION FOR PIPING PREFABRICATION, ERECTION AND NON DESTRUCTIVE TESTING	Class 2	Purpose**	IFR	IFC										
					Rev.	A	0										
					Issue Plan	16/04/2019	15/06/2019										
					Revised Plan	18/03/2019	15/06/2019										
					Issue Actual	25/02/2019	23/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00917	TPSK-LSPA1-T-MP-01726										
					Return Date	07/05/2019											
					Owner Cmmt*	R2											
	MP	OL1-2P92-0008	HYDROSTATIC LEAK TESTING FOR PIPING SYSTEMS	Class 2	Purpose**	IFR	IFC										
					Rev.	A	0										
					Issue Plan	16/04/2019	15/06/2019										
					Revised Plan	25/03/2019	15/06/2019										
					Issue Actual	25/03/2019	23/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01136	TPSK-LSPA1-T-MP-01726										
					Return Date	11/04/2019											
					Owner Cmmt*	R2											
	MP	OL1-2P92-0012	SPECIAL TECH.SPEC.PIP.PREFAB. & ERE.	Class 2	Purpose**	IFQ	IFP										
					Rev.												
					Issue Plan	30/01/2019	15/03/2019										
					Revised Plan	21/05/2019	14/06/2019										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: P93 Policy , Guidelines & Memo																	
Category Code: P94 Forms & Templates																	
Category Code: P95 Progress/Status Reports																	
Category Code: Q07 Quality Audit Reports																	
Category Code: Q10 QC Record and Report for Civil work (Engineerig and Procurement)																	
Category Code: Q11 QC Record and Report for Building work (Engineerig and Procurement)																	
Category Code: Q12 QC Record and Report for Steel Structure work (Engineerig and Procurement)																	
Category Code: Q13 QC Record and Report for Mechanical work (Engineerig and Procurement)																	
Category Code: Q14 QC Record and Report for Piping work (Engineerig and Procurement)																	
Category Code: Q15 QC Record and Report for Fire Fighting work (Engineerig and Procurement)																	
Category Code: Q16 QC Record and Report for Electrical work (Engineerig and Procurement)																	
Category Code: Q17 QC Record and Report for Instrumentation work (Engineerig and Procurement)																	
Category Code: Q20 QC Record and Report for Civil work (construction)																	
	QM	OL1-2Q20-0001	Quality Control Plan Civil Works-Fencing	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	13/12/2018											
					Issue Actual	13/12/2018											
					Transmittal no.	TPSK-LSPA1-T-QM-00488											
					Return Date	25/02/2019											
					Owner Cmmt*	A3											
	QM	OL1-2Q20-0002	Quality Control Plan Civil Works-Bored Cast In Situ Piles	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/01/2019											
					Issue Actual	11/01/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-00625											
					Return Date	27/02/2019											
					Owner Cmmt*	A3											
	QM	OL1-2Q20-0003	Quality Control Plan Civil Works-Continuous Flight Auger Piles	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	11/01/2019											
					Issue Actual	11/01/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-00625											
					Return Date	27/02/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0004	Quality Control Plan Civil Works-Concrete Precast Driven Piles	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/01/2019													
					Issue Actual	11/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00625													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0005	Quality Control Plan Civil Works-Earth Moving	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/01/2019													
					Issue Actual	11/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00625													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0006	Quality Control Plan Civil Works-Asphalt Roads And Yards	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/01/2019													
					Issue Actual	11/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00625													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0007	Quality Control Plan U-G Civil Works-Sewers	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/01/2019													
					Issue Actual	11/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00625													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0008	Quality Control Plan Non Metallic Pressure Piping Installation - Above and Underground	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	11/01/2019													
					Issue Actual	11/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00625													
					Return Date														
					Owner Cmmt*														
	QM	OL1-2Q20-0009	Quality Control Plan Civil Works-Reinforced Concrete For Foundation-Elevation Structures And Basins	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0010	Quality Control Plan Civil Works-Prefabrication of Concrete Elements	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0011	Quality Control Plan Precast Pipe-Rack Erection	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0012	Quality Control Plan Civil Works-Tank Rings Foundations	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0013	Quality Control Plan Above Ground Civil Works- Concrete Elements Installation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0014	Quality Control Plan Civil Works-Rigid Paving	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0015	Quality Control Plan U-G Civil Works-Installation of Concrete Pits Cable Duct Banks Trenches-Ditches Cabl	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0016	Quality Control Plan Civil Works-Concrete Structure for Cooling Tower	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0017	Quality Control Plan Civil Works-Fire Proofing	Class 2	Purpose**	IFR													
					Rev.	A													

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					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0018	Quality Control Plan Civil Works-Grouting	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q20-0019	Quality Control Plan Concrete Protective Coating	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
Category Code: Q21 QC Record and Report for Building work (construction)																			
	QM	OL1-2Q21-0001	Quality Control Plan Building -Concrete And Masonry-	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	07/05/2019													
					Issue Actual	07/05/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-01596													
					Return Date														
					Owner Cmmt*														
Category Code: Q22 QC Record and Report for Steel Structure work (construction)																			
	QM	OL1-2Q22-0001	Quality Control Plan Steel Structures Erection	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00729													
					Return Date	27/02/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q22-0002	Quality Control Plan Secondary Steel Structures Erection - Ladders Platforms Walkways Handrails Grating	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	28/01/2019													
					Issue Actual	28/01/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00735													
					Return Date	18/03/2019													
					Owner Cmmt*	A3													
Category Code: Q23 QC Record and Report for Mechanical work (construction)																			
	QM	OL1-2Q23-0001	Quality Control Plan Fixed Roof Tanks Erection	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/02/2019													
					Issue Actual	27/02/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00942													
					Return Date														
					Owner Cmmt*														
	QM	OL1-2Q23-0002	Quality Control Plan Floating Roof Tanks Erection	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/02/2019													
					Issue Actual	27/02/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00942													
					Return Date														
					Owner Cmmt*														
	QM	OL1-2Q23-0003	Quality Control Plan Cryogenic Tanks Erection	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	27/02/2019													
					Issue Actual	27/02/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-00942													
					Return Date														
					Owner Cmmt*														
	QM	OL1-2Q23-0006	Quality Control Plan Static Equipment Installation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	08/03/2019													
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-01011													
					Return Date	01/04/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q23-0007	Quality Control Plan Package Furnace - Site Assembled - Installation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	08/03/2019													
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-01011													
					Return Date	01/04/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q23-0008	Quality Control Plan Flare System Erection	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	08/03/2019													
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-01011													
					Return Date	01/04/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q23-0009	Quality Control Plan Refractory Installation	Class 2	Purpose**	IFR													
					Rev.	A													
					Issue Plan														
					Revised Plan	08/03/2019													
					Issue Actual	08/03/2019													
					Transmittal no.	TPSK-LSPA1-T-QM-01011													
					Return Date	01/04/2019													
					Owner Cmmt*	A3													
	QM	OL1-2Q23-0010	Quality Control Plan Machinery Installation - Centrifugal and Rotary Pumps	Class 2	Purpose**	IFR													
					Rev.	A													

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					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0011	Quality Control Plan Machinery Installation - Blower and Fans	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0012	Quality Control Plan Machinery Installation - Centrifugal Compressors	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0013	Quality Control Plan Machinery Installation - Reciprocating Compressors	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0014	Quality Control Plan Machinery Installation - Mixers and Agitators	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0015	Quality Control Plan Elevator Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0016	Quality Control Plan Equipment Internals Installation - Trays	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q23-0017	Quality Control Plan Equipment Internals Installation - Distributors-Grids-Demisters-etc	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0018	Quality Control Plan Air Coolers Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	19/03/2019										
					Issue Actual	19/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01091										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q23-0019	Quality Control Plan Cooling Tower Mechanical Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0020	Quality Control Plan Packages Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0021	Quality Control Plan Skid Mounted Packages	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
	QM	OL1-2Q23-0022	Quality Control Plan Bridge Crane Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	08/03/2019										
					Issue Actual	08/03/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01011										
					Return Date	01/04/2019										
					Owner Cmmt*	A3										
Category Code: Q24 QC Dossier for Piping work (construction)																
	QM	OL1-2Q24-0001	Quality Control Plan Piping Prefabrication	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	28/01/2019										

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					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0002	Quality Control Plan Piping Support Prefabrication	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0003	Quality Control Plan Piping Erection - Above & Underground	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0004	Quality Control Plan Piping Support Erection	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0005	Quality Control Plan Steam Tracing System	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0006	Quality Control Plan Piping Tie-ins	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0007	Quality Control Plan Piping NDE PWHT Management	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
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					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0008	Quality Control Plan Welders Management	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0009	Quality Control Plan Insulation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
	QM	OL1-2Q24-0010	Quality Control Plan Painting	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	28/01/2019		
					Issue Actual	28/01/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-00730		
					Return Date	05/04/2019		
					Owner Cmmt*	A3		
Category Code: Q25 QC Record and Report for Fire Fighting work (construction)								
	QM	OL1-2Q25-0001	Quality Control Plan Fire Fighting System Installation	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	07/05/2019		
					Issue Actual	07/05/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-01596		
					Return Date			
					Owner Cmmt*			
Category Code: Q26 QC Record and Report for Electrical work (construction)								
	QM	OL1-2Q26-0001	Quality Control Plan - Electrical Installation - Grounding And Lightning System	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	16/05/2019		
					Issue Actual	16/05/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-01676		
					Return Date			
					Owner Cmmt*			
	QM	OL1-2Q26-0002	Quality Control Plan -Electrical Installation- Substation Equipment	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	23/05/2019		
					Issue Actual	23/05/2019		
					Transmittal no.	TPSK-LSPA1-T-QM-01724		
					Return Date			
					Owner Cmmt*			
	QM	OL1-2Q26-0003	Quality Control PlanElectrical InstallationPower System	Class 2	Purpose**	IFR		
					Rev.	A		
					Issue Plan			
					Revised Plan	31/05/2019		
					Issue Actual	31/05/2019		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment						Working Days			
					Transmittal no.	TPSK-LSPA1-T-QM-01789										
					Return Date	10/06/2019										
					Owner Cmmt*	A1										
	QM	OL1-2Q26-0004	Quality Control Plan - Electrical Iinstallation - High Voltage Equipment	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	16/05/2019										
					Issue Actual	16/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01676										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q26-0005	Quality Control Plan - Electrical Installation-Electrical Heat Tracing System	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/05/2019										
					Issue Actual	27/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01750										
					Return Date	10/06/2019										
					Owner Cmmt*	A1										
	QM	OL1-2Q26-0006	Quality Control Plan - Electrical Installation-Cathodic Protection System	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/05/2019										
					Issue Actual	27/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01750										
					Return Date	10/06/2019										
					Owner Cmmt*	A1										
	QM	OL1-2Q26-0007	Quality Control PlanElectrical InstallationLighting System	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	27/05/2019										
					Issue Actual	27/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01750										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q26-0008	Quality Control Plan -Electrical Installation- Rotating Equipment	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	23/05/2019										
					Issue Actual	23/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01724										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q26-0009	Quality Control Plan Building HVAC -Heating Ventilation And Air Conditioning- System Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	07/05/2019										
					Issue Actual	07/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01596										
					Return Date											
					Owner Cmmt*											
Category Code: Q27 QC Record and Report for Instrumentation work (construction)																
	QM	OL1-2Q27-0001	Quality Control Plan - Instrumentation And Communication System - Installation Works In Control Room	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	10/05/2019										
					Issue Actual	10/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01636										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q27-0002	Quality Control Plan - Instrumentation And Communication System Installation - Instrument Cables Junct	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	10/05/2019										
					Issue Actual	10/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01636										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q27-0003	Quality Control Plan - Instrumentation And Communication System Installation - Field Instrumentation V	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	10/05/2019										
					Issue Actual	10/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01636										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q27-0004	Quality Control Plan - Instrumentation And Communication System Installation - Analyzer Installation	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	10/05/2019										
					Issue Actual	10/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01636										
					Return Date											
					Owner Cmmt*											
	QM	OL1-2Q27-0005	Quality Control Plan - Instrumentation And Communication System Installation - Telecommunication Sys	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	10/05/2019										
					Issue Actual	10/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01636										
					Return Date	10/06/2019										
					Owner Cmmt*	R1										
	QM	OL1-2Q27-0006	Quality Control Plan - Instrumentation And Communication System Installation - Package Instrumentatio	Class 2	Purpose**	IFR										
					Rev.	A										
					Issue Plan											
					Revised Plan	10/05/2019										
					Issue Actual	10/05/2019										
					Transmittal no.	TPSK-LSPA1-T-QM-01636										
					Return Date											
					Owner Cmmt*											
Category Code: Q30 Shop Inspection Notice (Civil)																
Category Code: Q31 Shop Inspection Notice (Mechanical)																
Category Code: Q32 Shop Inspection Notice (Piping)																
Category Code: Q33 Shop Inspection Notice (Electrical)																
Category Code: Q34 Shop Inspection Notice (Instrumentation)																
Category Code: Q35 Mechanical certification (Civil)																
Category Code: Q36 Mechanical certification (Static)																

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification			Period for Company's comment							Working Days			
Category Code: Q37 Mechanical certification (Rotating)																	
Category Code: Q38 Mechanical certification (Piping))																	
Category Code: Q40 Site Inspection Notice (Civil)																	
Category Code: Q41 Site Inspection Notice (Mechanical)																	
Category Code: Q42 Site Inspection Notice (Piping)																	
Category Code: Q43 Site Inspection Notice (Electrical)																	
Category Code: Q44 Site Inspection Notice (Instrumentation)																	
Category Code: Q60 Inspection and Test Plan (ITP) for Mechanical Work																	
Category Code: Q61 Inspection and Test Plan (ITP) for Piping Work																	
Category Code: Q62 Inspection and Test Plan (ITP) for Electrical work																	
Category Code: Q63 Inspection and Test Plan (ITP)for Instrumentation work																	
Category Code: Q64 Inspection and Test Plan (ITP) for Civil,Structure and Architecture.																	
Category Code: Q65 Inspection and Test Plan (ITP) for Mechanical Work (Construction)																	
Category Code: Q66 Inspection and Test Plan (ITP) for Piping Work (Construction)																	
Category Code: Q67 Inspection and Test Plan (ITP) for Electrical work (Construction)																	
Category Code: Q68 Inspection and Test Plan (ITP)for Instrumentation work (Construction)																	
Category Code: Q69 Inspection and Test Plan (ITP) for Civil,Structure and Architecture (Construction)																	
Category Code: Q71 Appraisal Report for Consultancy Service																	
Category Code: Q72 Appraisal Report for EPC Contractor Work																	
Category Code: Q73 Appraisal Report for Vendor/Supplier																	
Category Code: Q90 Vendor Document/drawings																	
Category Code: Q91 Index/List																	
Category Code: Q92 Procedures & Standards																	
	QM	OL1-2Q92-0008	Quality Control Plan Material Management and Warehouse	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/02/2019											
					Issue Actual	07/02/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-00818											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0011	Job Construction Specification For Welders Management	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/04/2019											
					Issue Actual	03/04/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01236											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0012	Job Construction Specification For Welding Activities Management	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/04/2019											
					Issue Actual	03/04/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01236											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0013	Job Construction Specification For Piping Material Traceability	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/04/2019											
					Issue Actual	03/04/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01236											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0014	Job Construction Specification For Bolted Flange Joint Assembly Management During Construction Preco	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	10/04/2019											
					Issue Actual	10/04/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01306											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0015	Job Construction Specification For Instrument Installation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	25/06/2019											
					Issue Actual	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01973											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0017	Job Construction Specification For Material Receiving And Warehousting	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	07/05/2019											
					Issue Actual	07/05/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01597											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0018	Job Construction Specification For Static Equipment and Trays-Internals Installation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	03/04/2019											
					Issue Actual	03/04/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01237											
					Return Date												
					Owner Cmmt*												
	QM	OL1-2Q92-0019	Job Construction Specification For Machinery And Air Coolers Installation	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	10/04/2019											
					Issue Actual	10/04/2019											
					Transmittal no.	TPSK-LSPA1-T-QM-01305											
					Return Date												
					Owner Cmmt*												
Category Code: Q93 Policy , Guidelines,& Memo																	
Category Code: Q94 Forms & Templates																	
Category Code: Q95 Progress/Status Reports																	
Category Code: Q96 Quality Audit Reports																	
Category Code: Q97 Non-Conformance Record																	
Category Code: Q98 Addition Vendors/Subcontractors Assessment and Prequalification Report																	
Category Code: R01 Process Specification (PE)																	
Category Code: R02 Civil Specification (CV)																	
	CV	OL1-2R02-0001	JOB DES.SPEC.FOR UNDERG.SYSTEM	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan	24/09/2018	16/03/2019										
					Revised Plan	25/09/2018	06/03/2019										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date: 02/09/19

Period for Company's comment: Working Days

Item	Org.	Document No.	Document Name	Classification															
					Issue Actual	25/09/2018	06/03/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-00087	TPSK-LSPA1-T-CV-00994												
					Return Date	02/11/2018	15/03/2019												
					Owner Cmmt*	R1	R2												
	CV	OL1-2R02-0002	JOB DESIGN SPECIFICATION FOR GEOTECHNICAL RECOMMENDATIONS	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	15/02/2019	08/10/2019												
					Revised Plan	02/05/2019	08/10/2019												
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LSPA1-T-CV-01598													
					Return Date	31/05/2019													
					Owner Cmmt*	R2													
	CV	OL1-2R02-0004	JSD FOR FOUNDATION & STRUCT.	Class 2	Purpose**	IFR	IMP	IMP											
					Rev.	A	0	1											
					Issue Plan	25/09/2018	31/01/2019												
					Revised Plan	25/09/2018	19/02/2019												
					Issue Actual	25/09/2018	19/02/2019	04/07/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-00087	TPSK-LSPA1-T-CV-00887	TPSK-LSPA1-T-CV-02066											
					Return Date	02/11/2018	18/03/2019												
					Owner Cmmt*	R1	R2												
	CV	OL1-2R02-0005	AMENDMENT - CV-012 - BUILDING DESIGN AND CONSTRUCTION	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	10/10/2018	15/01/2019												
					Revised Plan	11/10/2018	16/05/2019												
					Issue Actual	11/10/2018													
					Transmittal no.	TPSK-LSPA1-T-CV-00158													
					Return Date	18/03/2019													
					Owner Cmmt*	R2													
	CV	OL1-2R02-0006	JOB SUPPLY SPEC.FOR STEEL STRUCT.	Class 2	Purpose**	IFQ	IMP												
					Rev.														
					Issue Plan	16/05/2019	16/10/2019												
					Revised Plan	06/05/2019	16/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2R02-0011	Geotechnical Factual Report	Class 2	Purpose**	IFR	IMP												
					Rev.	A													
					Issue Plan	15/02/2019	08/10/2019												
					Revised Plan	02/05/2019	08/10/2019												
					Issue Actual	02/05/2019													
					Transmittal no.	TPSK-LPSA1-T-CV-01549													
					Return Date	27/05/2019													
					Owner Cmmt*	A2													
	CV	OL1-2R02-0012	Additional Ground Investigation Technical Specification	Class 2	Purpose**	IFR	IFI	IFI											
					Rev.	A	B	C											
					Issue Plan														
					Revised Plan	31/05/2019	11/06/2019	24/06/2019											
					Issue Actual	31/05/2019	11/06/2019	24/06/2019											
					Transmittal no.	TPSK-LSPA1-T-CV-01788	TPSK-LSPA1-T-CV-01860	TPSK-LSPA1-T-CV-01962											
					Return Date														
					Owner Cmmt*														
	CV	OL1-2R02-0101	Technical Specification For Piles	Class 2	Purpose**	IFR	IMP												
					Rev.														
					Issue Plan	15/03/2019	15/07/2019												
					Revised Plan	06/05/2019	15/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2R02-0102	Technical Specification for Civil Works	Class 2	Purpose**	IFQ	IMP												
					Rev.														
					Issue Plan	14/06/2019	31/07/2019												
					Revised Plan	24/04/2019	31/07/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2R02-0103	Technical Specification for Precast Concrete Pipe-Racks	Class 2	Purpose**	IFQ	IMP												
					Rev.														
					Issue Plan	30/04/2019	31/08/2019												
					Revised Plan	03/04/2019	31/08/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2R02-0104	Technical Specification For Steel Structures Erection	Class 2	Purpose**	IFQ	IMP												
					Rev.														
					Issue Plan	16/05/2019	16/10/2019												
					Revised Plan	12/04/2019	16/10/2019												
					Issue Actual														
					Transmittal no.														
					Return Date														
					Owner Cmmt*														
	CV	OL1-2R02-5001	Technical Specification For Buildings	Class 2	Purpose**	IFR	IFQ												
					Rev.	B	C												
					Issue Plan														
					Revised Plan	13/06/2019	26/06/2019												
					Issue Actual	13/06/2019	26/06/2019												
					Transmittal no.	TPSK-LSPA1-T-CV-01885	TPSK-LSPA1-T-CV-01997												
					Return Date														
					Owner Cmmt*														
Category Code: R03 Mechanical Specification (ME)																			
	ME	OL1-2R03-0001	WELDING AND NDE FOR PRESSURE VESSELS	Class 2	Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan	06/04/2019	06/05/2019												
					Revised Plan	25/02/2019	18/03/2019												
					Issue Actual	27/08/2018	25/02/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00029	TPSK-LSPA1-T-ME-00921												
					Return Date	19/09/2018	15/03/2019												
					Owner Cmmt*	A4	R1												
	ME	OL1-2R03-0002	JOB SUPPLY SPECIFICATION FOR MATERIAL IN SOUR SERVICE	Class 2	Purpose**	IFR	IMP												
					Rev.	A	0												
					Issue Plan	06/04/2019	06/05/2019												
					Revised Plan	18/03/2019	14/06/2019												
					Issue Actual	27/08/2018	25/02/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00029	TPSK-LSPA1-T-ME-00921												

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DOCUMENT NO.	REV.
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Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Return Date	19/09/2018	15/03/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0003	JOB SUPPLY SPECIFICATION FOR POSITIVE MATERIAL IDENTIFICATION ON EQUIPMENT & PIPING	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan	06/04/2019	06/05/2019										
					Revised Plan	27/08/2018	16/04/2019										
					Issue Actual	27/08/2018	25/02/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00029	TPSK-LSPA1-T-ME-00921										
					Return Date	19/09/2018	15/03/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0004	WELDING AND NDE FOR TANKS STORAGE	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan	06/04/2019	06/05/2019										
					Revised Plan	27/08/2018	18/03/2019										
					Issue Actual	27/08/2018	25/02/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00029	TPSK-LSPA1-T-ME-00921										
					Return Date	19/09/2018	15/03/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0005	ME-005 Double Jacket Pipe Heat Exchangers for 36M and 132U Furnace	Class 2	Purpose**	IMP											
					Rev.	0											
					Issue Plan												
					Revised Plan	23/10/2018											
					Issue Actual	23/10/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00212											
					Return Date												
					Owner Cmmt*												
	ME	OL1-2R03-0006	PLATE HEAT EXCHANGER	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	10/09/2018	24/09/2018										
					Revised Plan	12/09/2018	12/09/2018										
					Issue Actual		12/09/2018										
					Transmittal no.		TPSK-LSPA1-T-ME-00042										
					Return Date												
					Owner Cmmt*												
	ME	OL1-2R03-0007	Job Specification for AXENS Standard Material Specifications - Carbon Steels For Pressure Service	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	21/02/2019											
					Issue Actual	21/02/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00909											
					Return Date	15/03/2019											
					Owner Cmmt*	R1											
	ME	OL1-2R03-0008	Job Specification For Axens Standard Material Specifications - Low Alloyed Steels For Pressure Vessels	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	21/02/2019											
					Issue Actual	21/02/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00909											
					Return Date	15/03/2019											
					Owner Cmmt*	R1											
	ME	OL1-2R03-0009	Job Specification For Axens Standard Material Specifications For Wet H2S Service	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	21/02/2019											
					Issue Actual	21/02/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00909											
					Return Date	15/03/2019											
					Owner Cmmt*	R1											
	ME	OL1-2R03-0010	ME-010 Centrifugal Pump	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	24/09/2018	22/01/2019										
					Issue Actual	24/09/2018	22/01/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00078	TPSK-LSPA1-T-ME-00693										
					Return Date	12/10/2018	14/02/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0011	ME-011 RECIPROCATING PUMP	Class 2	Purpose**	IFR											
					Rev.	A											
					Issue Plan												
					Revised Plan	24/04/2019											
					Issue Actual	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-01459											
					Return Date	24/05/2019											
					Owner Cmmt*	R1											
	ME	OL1-2R03-0013	ME-013 Diesel Engine	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	18/10/2018	23/01/2019										
					Issue Actual	18/10/2018	23/01/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00196	TPSK-LSPA1-T-ME-00668										
					Return Date	02/11/2018	25/04/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0014	ME-014 Centrifugal Compressor	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	18/09/2018	23/01/2019										
					Issue Actual	18/09/2018	23/01/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00065	TPSK-LSPA1-T-ME-00668										
					Return Date	10/10/2018	25/04/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0016	ME-016 Centrifugal Compressor For PA-IA Servise	Class 2	Purpose**	IFR	IMP										
					Rev.	A	0										
					Issue Plan												
					Revised Plan	12/10/2018	23/01/2019										
					Issue Actual	12/10/2018	23/01/2019										
					Transmittal no.	TPSK-LSPA1-T-ME-00164	TPSK-LSPA1-T-ME-00668										
					Return Date	07/11/2018	25/04/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R03-0017	ME-017 Root Blower	Class 2	Purpose**	IMP											
					Rev.	0											
					Issue Plan												
					Revised Plan	19/11/2018											
					Issue Actual	19/11/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00334											
					Return Date												
					Owner Cmmt*												
	ME	OL1-2R03-0018	ME-018 General Purpose Steam Turbines	Class 2	Purpose**	IFR	IMP										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.	A	0											
					Issue Plan													
					Revised Plan	24/09/2018	23/01/2019											
					Issue Actual	24/09/2018	23/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00078	TPSK-LSPA1-T-ME-00668											
					Return Date	12/10/2018	25/04/2019											
					Owner Cmmt*	R1	R1											
	ME	OL1-2R03-0019	ME-019 Lube Oil Unit And Seal Oil System	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	18/09/2018	23/01/2019											
					Issue Actual	18/09/2018	23/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00065	TPSK-LSPA1-T-ME-00668											
					Return Date	10/10/2018	25/04/2019											
					Owner Cmmt*	R1	R1											
	ME	OL1-2R03-0020	ME-020 Special Purpose Steam Tturbines	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	24/09/2018	23/01/2019											
					Issue Actual	24/09/2018	23/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00078	TPSK-LSPA1-T-ME-00668											
					Return Date	12/10/2018	25/04/2019											
					Owner Cmmt*	R1	R1											
	ME	OL1-2R03-0021	ME-021 Flare System	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	06/12/2018	25/06/2019											
					Issue Actual	06/12/2018	25/06/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00429	TPSK-LSPA1-T-ME-01969											
					Return Date	26/12/2018	08/07/2019											
					Owner Cmmt*	R2	R1											
	ME	OL1-2R03-0022	ME-022 Special Purpose Gear	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	12/10/2018	23/01/2019											
					Issue Actual	12/10/2018	23/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00166	TPSK-LSPA1-T-ME-00668											
					Return Date	07/11/2018	25/04/2019											
					Owner Cmmt*	R1	R1											
	ME	OL1-2R03-0024	ME-024 Elevator For 36M and 132U Furnace	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	20/12/2018												
					Issue Actual	20/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00537												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R03-0028	ME-028 Mechanical Seal	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	17/09/2018												
					Issue Actual	17/09/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00057												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R03-0029	ME-029 Centrifugal Blower for 36M and 132U Furnace	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	17/10/2018												
					Issue Actual	17/10/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00185												
					Return Date	05/11/2018												
					Owner Cmmt*													
	MP	OL1-2R03-0030	Job Sprcification For Supply And Fabrication Of Grade 91 Alloy Steel Piping	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	24/04/2019												
					Issue Actual	24/04/2019												
					Transmittal no.	TPSK-LSPA1-T-MP-01465												
					Return Date	17/05/2019												
					Owner Cmmt*	R1												
	ME	OL1-2R03-0047	ME-047 Dry Screw Compressor for Hydrocarbon Services	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	06/12/2018	17/01/2019											
					Issue Actual	06/12/2018	17/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00429	TPSK-LSPA1-T-ME-00666											
					Return Date	26/12/2018	04/02/2019											
					Owner Cmmt*	R2	R1											
	ME	OL1-2R03-0050	JOB SPEC. FOR DESIGN OF PRESSURE & ATMOSPHERIC EQUIPMENT	Class 2	Purpose**	IFR	IFR	IMP	IMP									
					Rev.	A	B	0	1									
					Issue Plan	10/08/2018		20/09/2018										
					Revised Plan	10/08/2018		31/10/2018										
					Issue Actual	10/08/2018	25/09/2018	31/10/2018	19/02/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00017	TPSK-LSPA1-T-ME-00084	TPSK-LSPA1-T-ME-00245	TPSK-LSPA1-T-ME-00888									
					Return Date	27/08/2018	24/10/2018	26/11/2018	15/03/2019									
					Owner Cmmt*	A3	R1		R1									
	ME	OL1-2R03-0051	JOB SPEC. FOR SUPPLY OF PRESSURE VESSELS	Class 2	Purpose**	IFR	IFR	IMP	IMP									
					Rev.	A	B	0	1									
					Issue Plan	10/09/2018		22/09/2018										
					Revised Plan	25/09/2018		31/10/2018										
					Issue Actual	13/08/2018	25/09/2018	31/10/2018	15/04/2019									
					Transmittal no.	TPSK-LSPA1-T-ME-00021	TPSK-LSPA1-T-ME-00084	TPSK-LSPA1-T-ME-00249	TPSK-LSPA1-T-ME-01350									
					Return Date	27/08/2018	24/10/2018	27/11/2018	13/05/2019									
					Owner Cmmt*	A4	R1		R1									
	ME	OL1-2R03-0052	JOB SPEC. FOR SUPPLY OF COLUMN INTERNALS	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	10/08/2018	23/09/2018											
					Revised Plan	10/08/2018	24/09/2018											
					Issue Actual	10/08/2018	24/09/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00017	TPSK-LSPA1-T-ME-00081											
					Return Date	27/08/2018	24/10/2018											
					Owner Cmmt*	A3												
	ME	OL1-2R03-0053	JOB SPEC. FOR SUPPLY OF EQUIPMENT LADDERS AND PLATFORMS	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	0											
					Issue Plan	10/08/2018		25/09/2018										
					Revised Plan	10/08/2018		24/09/2018										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd. | Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual	10/08/2018	24/09/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00017	TPSK-LSPA1-T-ME-00081											
					Return Date	27/08/2018	24/10/2018											
					Owner Cmmt*	A4												
	ME	OL1-2R03-0054	CONST.STANDARDS FOR PRESS. EQUIP.	Class 2	Purpose**	IFR	IFR	IFC										
					Rev.	A	B											
					Issue Plan	10/08/2018		19/10/2018										
					Revised Plan	10/08/2018		31/10/2018										
					Issue Actual	10/08/2018	25/09/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00018	TPSK-LSPA1-T-ME-00084											
					Return Date	27/08/2018	24/10/2018											
					Owner Cmmt*	A3	R1											
	ME	OL1-2R03-0055	CONST.STANDARDS FOR LADDERS AND PLATFORMS ATTACHED TO PRESSURE EQUIPMENT	Class 2	Purpose**	IFR	IFC											
					Rev.													
					Issue Plan	23/10/2018	20/12/2018											
					Revised Plan	27/08/2018	03/10/2018											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R03-0102	MARKING FOR VESSEL & HEAT EXCHANGER	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	10/09/2018	22/09/2018											
					Revised Plan	12/09/2018	12/09/2018											
					Issue Actual		12/09/2018											
					Transmittal no.		TPSK-LSPA1-T-ME-00042											
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R03-0104	ME-008 Cooling Water	Class 2	Purpose**	IFQ												
					Rev.	A												
					Issue Plan													
					Revised Plan	06/11/2018												
					Issue Actual	06/11/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00276												
					Return Date	15/02/2019												
					Owner Cmmt*													
	ME	OL1-2R03-0500	ME-050 Centrifugal Pump - Non API	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	12/11/2018	23/01/2019											
					Issue Actual	12/11/2018	23/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00308	TPSK-LSPA1-T-ME-00668											
					Return Date	06/12/2018	25/04/2019											
					Owner Cmmt*	R1	R1											
	ME	OL1-2R03-055	Construction Standards For Ladders And Platforms Attached To Pressure Equipment	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	27/08/2018												
					Issue Actual	27/08/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00027												
					Return Date	18/09/2018												
					Owner Cmmt*	R2												
	ME	OL1-2R03-1001	ME-001 Pressure Vessel for 36M and 132U Furnace	Class 2	Purpose**	IFE												
					Rev.	0												
					Issue Plan													
					Revised Plan	07/11/2018												
					Issue Actual	07/11/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00262												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R03-1004	ME-004 Shell and Tube Heat Exchangers for 36M and 132U Furnace	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	24/10/2018												
					Issue Actual	24/10/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00221												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R03-1005	Job Specification for Axens General Statement about Selection of Materials for Equipment and Piping	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01505												
					Return Date	24/05/2019												
					Owner Cmmt*	R2												
	ME	OL1-2R03-1006	Job Specification for Air Liquide-Design Rules- Codes and Standards for Columns and Column Internals	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	26/04/2019												
					Issue Actual	26/04/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-01504												
					Return Date	24/05/2019												
					Owner Cmmt*	R1												
Category Code: R04 Piping Specification (PIP)																		
	MP	OL1-2R04-0001	PIPING CLASSES SUMMARY & PIPING CLASSES	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	19/12/2018	15/10/2020											
					Revised Plan	27/12/2018	15/10/2020											
					Issue Actual	27/12/2018	05/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00562	262-TPSK-LSPA1-T-MP-01262											
					Return Date	17/01/2019												
					Owner Cmmt*	R2												
	MP	OL1-2R04-0002	JOB DES.SPEC.FOR PIPING AND STD	Class 2	Purpose**	IFR	IFR	IFC										
					Rev.	A	B											
					Issue Plan	13/11/2018		01/02/2019										
					Revised Plan	12/11/2018		28/01/2019										
					Issue Actual	08/08/2018	16/11/2018											
					Transmittal no.	TPSK-LSPA1-T-MP-00012	TPSK-LSPA1-T-MP-00012											
					Return Date	26/09/2018	07/12/2018											
					Owner Cmmt*	A4	R1											
	MP	OL1-2R04-0003	JOB DESIGN SPECIFICATION FOR THERMAL INSULATION (HOT SERVICE)	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B											
					Issue Plan	29/04/2019		27/08/2019										
					Revised Plan	27/12/2018		27/08/2019										
					Issue Actual	22/08/2018	27/12/2018											
					Transmittal no.	TPSK-LSPA1-T-MP-00024	TPSK-LSPA1-T-MP-00562											

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Period for Company's comment — Working Days

Item	Org.	Document No.	Document Name	Classification														
					Return Date	12/09/2018	17/01/2019											
					Owner Cmmt*	A4	R2											
	MP	OL1-2R04-0004	JOB DESIGN SPECIFICATION FOR THERMAL INSULATION (COLD SERVICE)	Class 2	Purpose**	IFR	IFR	IFR	IMP									
					Rev.	A	B	C										
					Issue Plan	29/04/2019			27/08/2019									
					Revised Plan	27/12/2018			27/08/2019									
					Issue Actual	22/08/2018	27/12/2018	15/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00024	TPSK-LSPA1-T-MP-00562	TPSK-LSPA1-T-MP-01665										
					Return Date	12/09/2018	17/01/2019	27/05/2019										
					Owner Cmmt*	A4	R2	R1										
	MP	OL1-2R04-0005	JOB DESIGN SPECIFICATION FOR PAINTING	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	29/04/2019		27/08/2019										
					Revised Plan	27/12/2018		27/08/2019										
					Issue Actual	22/08/2018	27/12/2018	17/05/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00024	TPSK-LSPA1-T-MP-00562	TPSK-LSPA1-T-MP-01690										
					Return Date	12/09/2018	17/01/2019											
					Owner Cmmt*	A4	R2											
	MP	OL1-2R04-0006	JOB SUPPLY SPECIFICATION FOR PIPING MATERIAL	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	06/04/2019		06/05/2019										
					Revised Plan	20/11/2018		24/04/2019										
					Issue Actual	27/08/2018	20/11/2018	28/02/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00028	TPSK-LSPA1-T-MP-00342	TPSK-LSPA1-T-MP-00951										
					Return Date	18/09/2018	30/01/2019	01/04/2019										
					Owner Cmmt*	R2	R1	R2										
	ME	OL1-2R04-0007	PIP-007 Marking of Piping Material for 36M and 132U Furnace	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	23/10/2018												
					Issue Actual	23/10/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00213												
					Return Date													
					Owner Cmmt*													
	MP	OL1-2R04-0008	JOB SUPPLY SPECIFICATION FOR BUTTERFLY VALVES	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	13/04/2019	13/05/2019											
					Revised Plan	26/11/2018	24/04/2019											
					Issue Actual	26/11/2018	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00352	TPSK-LSPA1-T-MP-01463											
					Return Date	30/01/2019	17/05/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0009	JOB SUPPLY SPECIFICATION FOR PLUG VALVES	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	13/04/2019	13/05/2019											
					Revised Plan	26/11/2018	24/04/2019											
					Issue Actual	26/11/2018	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00352	TPSK-LSPA1-T-MP-01463											
					Return Date	30/01/2019	17/05/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0010	JOB SUPPLY SPECIFICATION FOR BALL VALVES	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	13/04/2019	13/05/2019											
					Revised Plan	26/11/2018	24/04/2019											
					Issue Actual	26/11/2018	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00352	TPSK-LSPA1-T-MP-01463											
					Return Date	30/01/2019	17/05/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0011	JOB SUPPLY SPECIFICATION FOR PIPES	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	06/04/2019		06/05/2019										
					Revised Plan	20/11/2018		24/04/2019										
					Issue Actual	27/08/2018	20/11/2018	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00028	TPSK-LSPA1-T-MP-00342	TPSK-LSPA1-T-MP-01463										
					Return Date	18/09/2018	30/01/2019	17/05/2019										
					Owner Cmmt*	R2	R1	R1										
	MP	OL1-2R04-0012	Pipe Support	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	16/11/2018	08/02/2019											
					Issue Actual	16/11/2018	08/02/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00324	TPSK-LSPA1-T-MP-00828											
					Return Date	18/12/2018	25/02/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0013	JOB SUPPLY SPECIFICATION FOR BUTTWELDING FITTINGS	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	06/04/2019		06/05/2019										
					Revised Plan	20/11/2018		24/04/2019										
					Issue Actual	27/08/2018	20/11/2018	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00028	TPSK-LSPA1-T-MP-00342	TPSK-LSPA1-T-MP-01463										
					Return Date	18/09/2018	30/01/2019	17/05/2019										
					Owner Cmmt*	A4	R1	R1										
	MP	OL1-2R04-0014	JOB SUPPLY SPECIFICATION FOR FORGED FITTINGS	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	06/04/2019		06/05/2019										
					Revised Plan	20/11/2018		24/04/2019										
					Issue Actual	27/08/2018	20/11/2018	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00028	TPSK-LSPA1-T-MP-00342	TPSK-LSPA1-T-MP-01463										
					Return Date	18/09/2018	30/01/2019	17/05/2019										
					Owner Cmmt*	A4	R1	R1										
	MP	OL1-2R04-0015	JOB SUPPLY SPECIFICATION FOR FLANGES	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	06/04/2019		06/05/2019										
					Revised Plan	20/11/2018		24/04/2019										
					Issue Actual	27/08/2018	20/11/2018	24/04/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00028	TPSK-LSPA1-T-MP-00342	TPSK-LSPA1-T-MP-01463										
					Return Date	18/09/2018	30/01/2019	17/05/2019										
					Owner Cmmt*	A4	R1	R1										
	MP	OL1-2R04-0016	JOB SUPPLY SPECIFICATION FOR GASKETS	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	20/04/2019	20/05/2019											
					Revised Plan	05/06/2019	20/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2R04-0017	JOB SUPPLY SPECIFICATION FOR BOLTING	Class 2	Purpose**	IFR	IMP											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

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IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.													
					Issue Plan	20/04/2019	20/05/2019											
					Revised Plan	20/06/2019	20/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2R04-0018	JOB SUPPLY SPECIFICATION FOR REINFORCED THERMOSETTING RESIN PLASTIC PIPING	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	06/04/2019	06/05/2019											
					Revised Plan	31/07/2019	30/08/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	MP	OL1-2R04-0030	Piping Flexibility	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan													
					Revised Plan	20/11/2018	08/02/2019											
					Issue Actual	20/11/2018	08/02/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00336	TPSK-LSPA1-T-MP-00828											
					Return Date	07/12/2018	25/02/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0031	JOB DES.SPEC.FOR STEAM TRACING	Class 2	Purpose**	IFR	IFR	IFC										
					Rev.	A	B											
					Issue Plan	13/11/2018		01/02/2019										
					Revised Plan	09/11/2018		28/01/2019										
					Issue Actual	08/08/2018	09/11/2018											
					Transmittal no.	TPSK-LSPA1-T-MP-00012	TPSK-LSPA1-T-MP-00292											
					Return Date	26/09/2018	23/01/2019											
					Owner Cmmt*	A4	R1											
	MP	OL1-2R04-0032	JSD FOR PIPING STRESS ANALYSIS	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	12/11/2018	15/02/2019											
					Revised Plan	03/12/2018	19/02/2019											
					Issue Actual	16/11/2018	19/02/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00324	TPSK-LSPA1-T-MP-00881											
					Return Date	18/12/2018	21/03/2019											
					Owner Cmmt*	R2	R1											
	MP	OL1-2R04-0033	JSD FOR PIPING LOADS ON PIPERACKS (PRK), SLEEPER WAYS (SLW), STRUCTURES (STR), ISOLATED SUPPORT	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	12/11/2018	15/02/2019											
					Revised Plan	03/12/2018	08/02/2019											
					Issue Actual	16/11/2018	08/02/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00324	TPSK-LSPA1-T-MP-00828											
					Return Date	18/12/2018	25/02/2019											
					Owner Cmmt*	R2	R1											
	MP	OL1-2R04-0034	JSD AUXILIARY STD PIPE SUPPORTS	Class 2	Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	12/11/2018		15/02/2019										
					Revised Plan	03/12/2018		07/03/2019										
					Issue Actual	16/11/2018	08/02/2019	07/03/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-00324	TPSK-LSPA1-T-MP-00830	TPSK-LSPA1-T-MP-01002										
					Return Date	18/12/2018	25/02/2019	01/04/2019										
					Owner Cmmt*	R2	R1	R1										
	MP	OL1-2R04-0036	JSS CRYOGENIC SUPPORTS	Class 3	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	31/01/2019	28/02/2019											
					Revised Plan	08/02/2019	02/04/2019											
					Issue Actual	08/02/2019	02/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00831	TPSK-LSPA1-T-MP-01223											
					Return Date	21/03/2019	26/04/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0037	JSS FOR ROD & SPRING HANGERS	Class 3	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	31/01/2019	28/02/2019											
					Revised Plan	08/02/2019	02/04/2019											
					Issue Actual	08/02/2019	02/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00831	TPSK-LSPA1-T-MP-01223											
					Return Date	21/03/2019	26/04/2019											
					Owner Cmmt*	R2	R2											
	MP	OL1-2R04-0038	JSS SLIDING PLATES	Class 3	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	31/01/2019	28/02/2019											
					Revised Plan	08/02/2019	02/04/2019											
					Issue Actual	08/02/2019	02/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00831	TPSK-LSPA1-T-MP-01223											
					Return Date	21/03/2019	26/04/2019											
					Owner Cmmt*	R1	R2											
	MP	OL1-2R04-0039	JSS DYNAMIC PIPING SUPPORTS	Class 3	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	31/01/2019	28/02/2019											
					Revised Plan	08/02/2019	02/04/2019											
					Issue Actual	08/02/2019	02/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00831	TPSK-LSPA1-T-MP-01223											
					Return Date	21/03/2019	26/04/2019											
					Owner Cmmt*	R1	R2											
	MP	OL1-2R04-0040	JSS METALLIC EXPANSION JOINTS	Class 3	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	31/01/2019	28/02/2019											
					Revised Plan	08/02/2019	02/04/2019											
					Issue Actual	08/02/2019	02/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00831	TPSK-LSPA1-T-MP-01223											
					Return Date	21/03/2019	26/04/2019											
					Owner Cmmt*	R2	R1											
	MP	OL1-2R04-0041	JOB SUPPLY SPECIFICATION FOR VALVE (GATE,GLOBE,CHECK)	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	13/04/2019	13/05/2019											
					Revised Plan	26/11/2018	24/04/2019											
					Issue Actual	26/11/2018	24/04/2019											
					Transmittal no.	TPSK-LSPA1-T-MP-00356	TPSK-LSPA1-T-MP-01463											
					Return Date	30/01/2019	17/05/2019											
					Owner Cmmt*	R1	R1											
	MP	OL1-2R04-0042	Job Supply Specification For Non Metallic Expansion Joints	Class 2	Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	31/01/2019	28/02/2019											
					Revised Plan	07/03/2019	02/04/2019											

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LONG SON PETROCHEMICALS

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Plant Name: PACKAGE A1: OLEFINS PLANT

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification				Period for Company's comment						Working Days			
					Issue Actual	07/03/2019	02/04/2019										
					Transmittal no.	TPSK-LSPA1-T-MP-01000	TPSK-LSPA1-T-MP-01223										
					Return Date	01/04/2019	26/04/2019										
					Owner Cmmt*	R1	R1										
	ME	OL1-2R04-1004	PIP-004 Piping Welding Specification for 36M and 132U Furnace	Class 2	Purpose**	IMP											
					Rev.	0											
					Issue Plan												
					Revised Plan	16/10/2018											
					Issue Actual	16/10/2018											
					Transmittal no.	TPSK-LSPA1-T-ME-00184											
					Return Date												
					Owner Cmmt*												
Category Code: R05 Electrical Specification (EE)																	
	EE	OL1-2R05-0001	GENERAL ELECTRICAL DESIGN SPECIFICATION	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	30/01/2019										
					Revised Plan	05/12/2018	05/12/2018										
					Issue Actual		05/12/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00424										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0002	ELECTRICAL SYSTEM DESIGN	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	30/01/2019										
					Revised Plan	05/12/2018	05/12/2018										
					Issue Actual		05/12/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00424										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0003	OIL FILLED DISTRIBUTION TRANSFORMER	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	05/11/2018	05/11/2018										
					Issue Actual		05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00268										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0004	PROTECTIVE RELAY AND CONTROL UNIT	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	30/01/2019										
					Revised Plan	20/12/2018	20/12/2018										
					Issue Actual		20/12/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00522										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0005	SUBSTATION MONITORING AND CONTROL SYSTEM	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	05/12/2018	05/12/2018										
					Issue Actual		05/12/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00425										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0006	MEDIUM VOLTAGE SWITCHGEAR	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	05/11/2018	05/11/2018										
					Issue Actual		05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00268										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0007	LOW VOLTAGE DISTRIBUTION PANEL	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	12/11/2018	12/11/2018										
					Issue Actual		12/11/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00309										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0008	LOW VOLTAGE SWITCHGEAR AND MOTOR CONTROL CENTER	Class 2	Purpose**	IFR	IMP										
					Rev.												
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	12/11/2018	12/11/2018										
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	TS	OL1-2R05-0009	SMCS I/O LIST	Class 2	Purpose**	IFR	IMP										
					Rev.	A											
					Issue Plan	15/06/2019	17/08/2019										
					Revised Plan	15/06/2019	17/08/2019										
					Issue Actual	01/07/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-02023											
					Return Date	16/07/2019											
					Owner Cmmt*	A3											
	EE	OL1-2R05-0010	ELECTRICAL MOTORS UP TO 300 KW	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	24/09/2018	24/09/2018										
					Issue Actual		24/09/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00079										
					Return Date												
					Owner Cmmt*												
	EE	OL1-2R05-0011	ELECTRICAL MOTORS GREATER THAN TO 300 KW	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	08/11/2018	08/11/2018										
					Issue Actual		08/11/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00748										
					Return Date		25/02/2019										
					Owner Cmmt*		R1										
	EE	OL1-2R05-0012	UNINTERRUPTIBLE POWER SUPPLIES	Class 2	Purpose**	IFR	IMP										
					Rev.		0										
					Issue Plan	14/10/2018	03/12/2018										
					Revised Plan	05/11/2018	05/11/2018										
					Issue Actual		05/11/2018										
					Transmittal no.		TPSK-LSPA1-T-EE-00268										

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IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0013	INTERCOM/PAGING/AUDIBLE ALARM SYSTEM		Purpose**	IFR	IMP	IMP										
					Rev.	A	0	1										
					Issue Plan	21/01/2019	15/02/2019											
					Revised Plan	04/12/2018	18/03/2019											
					Issue Actual	04/12/2018	07/03/2019	01/07/2019										
					Transmittal no.	TPSK-LSPA1-T-EE-00403	TPSK-LSPA1-T-EE-00987	TPSK-LSPA1-T-EE-02031										
					Return Date	17/12/2018	21/03/2019	08/07/2019										
					Owner Cmmt*	R1	R2	R2										
	EE	OL1-2R05-0014	LIGHTING SYSTEM	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	30/01/2019											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00258											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0015	EARTHING AND LIGHTING PROTECTION	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	30/01/2019											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00258											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0016	CATHODIC PROTECTION	Class 2	Purpose**	IFR	IMP	IMP										
					Rev.		0	1										
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018	02/05/2019										
					Transmittal no.		TPSK-LSPA1-T-EE-00268	TPSK-LSPA1-T-EE-01556										
					Return Date			17/05/2019										
					Owner Cmmt*			R1										
	EE	OL1-2R05-0017	DIESEL ENGINE GENERATOR	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00268											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0018	POWER, CONTROL, AND FIBER OPTIC CABLES	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/12/2018	05/12/2018											
					Issue Actual		05/12/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00425											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0019	SAFETY SUPERVISORY SYSTEM		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	21/01/2019	15/02/2019											
					Revised Plan	04/12/2018	18/03/2019											
					Issue Actual	04/12/2018	07/03/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-00403	TPSK-LSPA1-T-EE-00987											
					Return Date	17/12/2018	21/03/2019											
					Owner Cmmt*	R1	R1											
	EE	OL1-2R05-0021	POWER CAPACITORS	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00268											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0022	MISCELLANEOUS EQUIPMENT	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00268											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0023	LOW VOLTAGE VARIABLE VOLTAGE VARIABLE FREQUENCY SYSTEM	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00268											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0024	SUBSTATION DESIGN	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	14/10/2018	30/01/2019											
					Revised Plan	14/06/2019	15/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0027	NEUTRAL GROUNDING RESISTOR	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/12/2018	05/12/2018											
					Issue Actual		05/12/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00425											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0028	TELECOM NUMBERING		Purpose**	IFR	IMP											
					Rev.	A												
					Issue Plan	21/01/2019	15/02/2019											
					Revised Plan	21/02/2019	20/05/2019											
					Issue Actual	21/02/2019												
					Transmittal no.	TPSK-LSPA1-T-EE-00905												
					Return Date	04/03/2019												
					Owner Cmmt*	R2												
	EE	OL1-2R05-0029	FUNCTIONAL AND SCHEMATIC DIAGRAM	Class 2	Purpose**	IFR	IMP											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

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LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.		0											
					Issue Plan	14/10/2018	30/01/2019											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00258											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0036	DOCUMENT TEMPLATE	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	30/01/2019											
					Revised Plan	05/12/2018	05/12/2018											
					Issue Actual		05/12/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00424											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0037	ELECTRICAL HEAT TRACING SYSTEM	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	24/09/2018	24/09/2018											
					Issue Actual		24/09/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00079											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0038	LOW VOLTAGE BUS DUCT	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00268											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0040	MEDIUM VOLTAGE VARIABLE VOLTAGE VARIABLE FREQUENCY (VVVF) SYSTEM	Class 2	Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	05/11/2018	05/11/2018											
					Issue Actual		05/11/2018											
					Transmittal no.		TPSK-LSPA1-T-EE-00268											
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0041	NUMBERING SYSTEM FOR ELECTRICAL EQUIPMENT	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	14/10/2018	30/01/2019											
					Revised Plan	14/06/2019	15/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2R05-0044	Coordination Procedure For Smartplant Electrical	Class 2	Purpose**	IFR	IMP											
					Rev.													
					Issue Plan	14/10/2018	03/12/2018											
					Revised Plan	06/08/2018	29/11/2018											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: R06 Instrument Specification (INS)				Class 2	Purpose**													
	IE	OL1-2R06-0001	NSTRUMENT GENERAL DESIGN		Purpose**	IFR	IMP	IMP										
					Rev.	A	0	1										
					Issue Plan	28/09/2018	02/02/2019											
					Revised Plan	16/01/2019	02/02/2019											
					Issue Actual	03/10/2018	17/12/2018	24/05/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00507	TPSK-LSPA1-T-IE-01741										
					Return Date	09/10/2018	26/12/2018	17/06/2019										
					Owner Cmmt*	R1	R1	A2										
	IE	OL1-2R06-0003	FLOW MEASUREMENT		Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	28/09/2018	28/09/2018											
					Revised Plan	03/10/2018	03/10/2018											
					Issue Actual		03/10/2018											
					Transmittal no.		TPSK-LSPA1-T-IE-00122											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2R06-0005	LEVEL MEASUREMENT		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	28/09/2018	02/02/2019											
					Revised Plan	03/10/2018	03/10/2018											
					Issue Actual	03/10/2018	17/12/2018											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00507											
					Return Date	09/10/2018	26/12/2018											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0006	PRESSURE MEASUREMENT		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	28/09/2018	02/02/2019											
					Revised Plan	17/12/2018	17/12/2018											
					Issue Actual	03/10/2018	17/12/2018											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00507											
					Return Date	09/10/2018	26/12/2018											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0007	TEMPERATURE MEASUREMENT		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	28/09/2018	21/12/2018											
					Revised Plan	03/10/2018	17/12/2018											
					Issue Actual	03/10/2018	17/12/2018											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00507											
					Return Date	09/10/2018	26/12/2018											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0008	FINAL CONTROL ELEMENT		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	28/09/2018	21/01/2019											
					Revised Plan	03/10/2018	23/05/2019											
					Issue Actual	03/10/2018	23/05/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-01727											
					Return Date	09/10/2018												
					Owner Cmmt*	R1												
	IE	OL1-2R06-0010	INSTRUMENT CONSTRUCTION MATERIAL		Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	15/02/2019	28/09/2019											

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

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DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Revised Plan	03/10/2018	03/10/2018											
					Issue Actual		03/10/2018											
					Transmittal no.		TPSK-LSPA1-T-IE-00122											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2R06-0011	INSTRUMENT AIR SUPPLY		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	15/02/2019	28/09/2019											
					Revised Plan	26/11/2018	08/03/2019											
					Issue Actual	26/11/2018	08/03/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00357	TPSK-LSPA1-T-IE-01014											
					Return Date	01/02/2019	05/04/2019											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0012	GROUNDING SYSTEM FOR INSTRUMENT		Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	15/02/2019	28/09/2019											
					Revised Plan	15/02/2019	01/03/2019											
					Issue Actual		17/12/2018											
					Transmittal no.		TPSK-LSPA1-T-IE-00508											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2R06-0013	MACHINE MONITORING SYSTEM		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	30/07/2019	05/03/2020											
					Revised Plan	03/10/2018	19/02/2019											
					Issue Actual	03/10/2018	19/02/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00889											
					Return Date	09/10/2018	08/03/2019											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0015	INTEGRATED CONTROL AND SAFETY SYSTEM (ICSS)		Purpose**	IFR	IMP	IMP										
					Rev.	A	0	0										
					Issue Plan	20/11/2018	02/02/2019											
					Revised Plan	26/11/2018	30/05/2019											
					Issue Actual	26/11/2018	14/06/2019	17/06/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-00357	TPSK-LSPA1-T-IE-01897	TPSK-LSPA1-T-IE-01897										
					Return Date	01/02/2019		27/06/2019										
					Owner Cmmt*	R2		R2										
	IE	OL1-2R06-0016	INSTRUMENT CABINETS		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	20/11/2018	02/02/2019											
					Revised Plan	03/10/2018	05/03/2019											
					Issue Actual	03/10/2018	05/03/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00986											
					Return Date	09/10/2018	15/05/2019											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0017	INTEGRATED TURBINE AND COMPRESSOR CONTROL SYSTEM (ITCC)		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	07/11/2018	02/02/2019											
					Revised Plan	10/10/2018	17/12/2018											
					Issue Actual	10/10/2018	17/12/2018											
					Transmittal no.	TPSK-LSPA1-T-IE-00148	TPSK-LSPA1-T-IE-00507											
					Return Date	24/10/2018	26/12/2018											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-0021	PRESSURE SAFETY VALVE		Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	28/09/2018	28/09/2018											
					Revised Plan	03/10/2018	03/10/2018											
					Issue Actual		03/10/2018											
					Transmittal no.		TPSK-LSPA1-T-IE-00122											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2R06-0022	INSTRUMENT NUMBERING		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	03/10/2018	02/02/2019											
					Revised Plan	05/10/2018	11/04/2019											
					Issue Actual	05/10/2018	11/04/2019											
					Transmittal no.	TPSK-LSPA1-T-PE-00131	TPSK-LSPA1-T-IE-01320											
					Return Date	24/10/2018	09/05/2019											
					Owner Cmmt*	R2	R1											
	IE	OL1-2R06-0023	INSTRUMENT INSPECTION AND TEST PLAN		Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	03/10/2018	02/02/2019											
					Revised Plan	03/10/2018	03/10/2018											
					Issue Actual		03/10/2018											
					Transmittal no.		TPSK-LSPA1-T-IE-00122											
					Return Date													
					Owner Cmmt*													
	IE	OL1-2R06-0024	JSD FOR SMART PLANT INSTRUMENTATION SET UP		Purpose**	IFR	IFR	IMP										
					Rev.	A	B	0										
					Issue Plan	03/10/2018		02/02/2019										
					Revised Plan	28/09/2018		19/03/2019										
					Issue Actual	28/09/2018	08/11/2018	19/03/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-00109	TPSK-LSPA1-T-IE-00291	TPSK-LSPA1-T-IE-01094										
					Return Date	09/10/2018	01/02/2019	05/04/2019										
					Owner Cmmt*	R2	R2	R1										
	IE	OL1-2R06-0026	JSD For Automation System Availability	Class 2	Purpose**	IFR	IMP											
					Rev.	A												
					Issue Plan	21/01/2019	21/02/2019											
					Revised Plan	16/04/2019	07/06/2019											
					Issue Actual	15/04/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-01355												
					Return Date	07/05/2019												
					Owner Cmmt*	R2												
	IE	OL1-2R06-0035	JSD FOR INSTRUMENTATION AND CONTROL OF PACKAGED EQUIPMENT		Purpose**	IFR	IMP	IMP										
					Rev.	A	0	1										
					Issue Plan	07/11/2018	02/02/2019											
					Revised Plan	17/09/2018	29/11/2018											
					Issue Actual	17/09/2018	29/11/2018	11/04/2019										
					Transmittal no.	TPSK-LSPA1-T-IE-00056	TPSK-LSPA1-T-IE-00393	TPSK-LSPA1-T-IE-01320										
					Return Date	02/10/2018	13/12/2018	09/05/2019										
					Owner Cmmt*	R2	R2	R1										
	IE	OL1-2R06-1002	SPEC. FOR ALARM MANAGEMENT		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	03/03/2019	02/04/2019											
					Revised Plan	16/05/2019	31/05/2019											
					Issue Actual													
					Transmittal no.													

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					Return Date													
					Owner Cmmt*													
	IE	OL1-2R06-1025	JSD FOR CTRL & SAFETY PHILOSOPHY		Purpose**	IFR	IMP											
					Rev.	A												
					Issue Plan	21/01/2019	21/02/2019											
					Revised Plan	29/01/2019	07/06/2019											
					Issue Actual	29/01/2019												
					Transmittal no.	TPSK-LSPA1-T-IE-00750												
					Return Date	27/02/2019												
					Owner Cmmt*	R2												
	IE	OL1-2R06-1301	PROGRAMMABLE LOGIC CONTROLLER (PLC)		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	07/11/2018	02/02/2019											
					Revised Plan	08/11/2018	19/03/2019											
					Issue Actual	08/11/2018	19/03/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00291	TPSK-LSPA1-T-IE-01094											
					Return Date	01/02/2019	05/04/2019											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-2003	PROCESS ONLINE ANALYZER AND ANALYZER HOUSING		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	10/01/2019	10/02/2019											
					Revised Plan	08/02/2019	13/03/2019											
					Issue Actual	08/02/2019	13/03/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00825	TPSK-LSPA1-T-IE-01044											
					Return Date	08/03/2019	09/05/2019											
					Owner Cmmt*	R1	R1											
	IE	OL1-2R06-3101	CUSTODY TRANSFER SYSTEM		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	20/11/2018	21/01/2019											
					Revised Plan	16/02/2019	19/03/2019											
					Issue Actual	26/11/2018	19/03/2019											
					Transmittal no.	TPSK-LSPA1-T-IE-00357	TPSK-LSPA1-T-IE-01094											
					Return Date	01/02/2019	05/04/2019											
					Owner Cmmt*	R2	R1											
Category Code: R07 Project Specification (SP)																		
	ME	OL1-2R07-0009	SP-009 Painting for 36M and 132U Furnace	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	23/10/2018												
					Issue Actual	23/10/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00214												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2R07-0018	Units Of Measurement	Class 2	Purpose**	IMP												
					Rev.	0												
					Issue Plan													
					Revised Plan	24/09/2018												
					Issue Actual	24/09/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00080												
					Return Date	24/10/2018												
					Owner Cmmt*													
	ME	OL1-2R07-0020	ELETRICAL AND INTRUMENT INTERFACE PHILOSOPHY		Purpose**	IFR	IMP											
					Rev.	A	0											
					Issue Plan	28/09/2018	21/01/2019											
					Revised Plan	03/10/2018	17/12/2018											
					Issue Actual	03/10/2018	17/12/2018											
					Transmittal no.	TPSK-LSPA1-T-IE-00121	TPSK-LSPA1-T-IE-00507											
					Return Date	09/10/2018	26/12/2018											
					Owner Cmmt*	R1	R1											
	ME	OL1-2R07-0026	Project Design Basis	Class 2	Purpose**	IMP	IMP											
					Rev.	0	1											
					Issue Plan													
					Revised Plan	28/09/2018	02/05/2019											
					Issue Actual	28/09/2018	02/05/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00110	TPSK-LSPA1-T-ME-01547											
					Return Date	24/10/2018	31/05/2019											
					Owner Cmmt*		R1											
Category Code: R08 Construction Specification (CON)																		
	CON	OL1-2R08-0001	SPECIAL TEC.SP.FOR ERECT		Purpose**	IFQ	IFP											
					Rev.													
					Issue Plan	27/01/2019	27/03/2019											
					Revised Plan	16/05/2019	19/07/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	CON	OL1-2R08-0003	INSTRUMENT INSTALLATION		Purpose**	IFR	IMP											
					Rev.		0											
					Issue Plan	15/02/2019	28/09/2019											
					Revised Plan	21/01/2019	18/03/2019											
					Issue Actual		03/10/2018											
					Transmittal no.		TPSK-LSPA1-T-IE-00122											
					Return Date													
					Owner Cmmt*													
Category Code: R91 Index/List																		
Category Code: R92 Procedures & Standards																		
Category Code: R93 Policy , Guidelines & Memo																		
	CON	OL1-2R93-2001	GUIDELINE FOR CRACKING FURNACE CONSTRUCTION / ERECTION	Class 2	Purpose**	IFR	IFD	IFF										
					Rev.													
					Issue Plan	30/07/2019	03/09/2019	08/10/2019										
					Revised Plan	30/07/2019	03/09/2019	08/10/2019										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: R94 Forms & Templates																		
Category Code: R95 Progress/Status Reports																		
Category Code: Request for Quotation (RFQ) for Mechanical work Request for Quotation (RFQ) for Mechanical work																		
Category Code: S01 Environmental Management Plan and program;																		
Category Code: S02 Waste Material Management																		
Category Code: S03 Health/Social Management and Program; Community Affairs Management																		
Category Code: S04 Environmental Management Report																		
Category Code: S05 Health/Social Management Report																		
Category Code: S06 ESIA Report																		
Category Code: S07 ESIA Database																		
Category Code: S08 Environmental Specification (nuovo codice richiesto dal cliente S82)																		
	ES	OL1-2S08-0001	ENVIRONMENTAL JOB SPECIFICATION FOR DESIGN	Class 2	Purpose**	IFR												

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

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IFD = Issue For Design	CAN = Issue for Cancellation						

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification											Working Days			
					Rev.	A												
					Issue Plan													
					Revised Plan	11/12/2018												
					Issue Actual	11/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ES-00473												
					Return Date													
					Owner Cmmt*													
Category Code: S63 EH&S Monitoring report																		
Category Code: S64 OSHE Review/Audit Report																		
Category Code: S71 Appraisal Report for Consultancy Service																		
Category Code: S72 Appraisal Report for EPC Contractor Work																		
Category Code: S73 Appraisal Report for Vendor/Supplier																		
Category Code: S81 CSR Procedure & Standard																		
Category Code: S82 CSR Policy, Guideline & Memo																		
Category Code: S83 CSR Template & Form																		
Category Code: S84 CSR Report																		
Category Code: S85 CSR Audit Report																		
Category Code: S90 Vendor Document/drawings																		
Category Code: S91 Index/List																		
Category Code: S92 Procedures & Standards																		
Category Code: S93 Policy , Guidelines & Memo																		
Category Code: S94 Forms & Templates																		
Category Code: S95 Progress/Status Reports																		
	ES	OL1-2S95-0210	Furnace Section HAZOP Report	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	20/03/2019												
					Issue Actual	20/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ES-01113												
					Return Date	22/04/2019												
					Owner Cmmt*	R2												
	ES	OL1-2S95-0211	Recovery Process and Utilities Sections HAZOP Report	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	09/07/2019												
					Issue Actual	09/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ES-02101												
					Return Date													
					Owner Cmmt*													
	ES	OL1-2S95-0230	Furnace Section SIL Classification Report	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	25/03/2019												
					Issue Actual	25/03/2019												
					Transmittal no.	TPSK-LSPA1-T-ES-01146												
					Return Date	22/04/2019												
					Owner Cmmt*	R2												
	ES	OL1-2S95-0231	Recovery Process and Utilities Sections SIL Classification Report	Class 2	Purpose**	IFR												
					Rev.	A												
					Issue Plan													
					Revised Plan	11/07/2019												
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-ES-02124												
					Return Date													
					Owner Cmmt*													
Category Code: T01 Design basis																		
	EE	OL1-2T01-0001	Job Supply Specification For Intercom Paging And Audible Alarm System -Ex Document Client Reference O	Class 2	Purpose**	IFR	IMP	IFF										
					Rev.	A	0	1										
					Issue Plan													
					Revised Plan	03/01/2019	07/03/2019	01/07/2019										
					Issue Actual	03/01/2019	07/03/2019	01/07/2019										
					Transmittal no.	TPSK-LSPA1-T-EE-00577	TPSK-LSPA1-T-EE-00985	TPSK-LSPA1-T-EE-02025										
					Return Date	23/01/2019	21/03/2019	08/07/2019										
					Owner Cmmt*	R2	R2	R1										
	EE	OL1-2T01-0002	Job Supply Specification For Safety Supervisory System - Ex Document Client Reference OL1-2T92-0002	Class 2	Purpose**	IFR	IFR											
					Rev.	A	B											
					Issue Plan													
					Revised Plan	03/01/2019	07/03/2019											
					Issue Actual	03/01/2019	07/03/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-00577	TPSK-LSPA1-T-EE-00985											
					Return Date	23/01/2019	21/03/2019											
					Owner Cmmt*	R2	A2											
Category Code: T02 Abbreviation and standard symbols																		
Category Code: T03 Project Communication, IT, and Safety Supervisory System specification																		
Category Code: T04 System philosophy																		
Category Code: T05 Equipment datasheets																		
Category Code: T10 Intercom/Paging/Audible Alarm system equipment data sheets																		
Category Code: T11 Intercom/Paging/Audible Alarm system schematic diagram																		
	EE	OL1-2T11-0001	TELECOMM.SYST ARCHITECTURE OF INTERCOM, PAGING AND AUDIBLE ALARM SYSTEMS		Purpose**	IFR	IFR	IFR	IBD	IDD								
					Rev.	A	B	C										
					Issue Plan	09/01/2019			09/01/2019	28/02/2019								
					Revised Plan	04/03/2019			30/05/2019	28/06/2019								
					Issue Actual	04/03/2019	09/05/2019	01/07/2019										
					Transmittal no.	TPSK-LSPA1-T-EE-00976	TPSK-LSPA1-T-EE-01624	TPSK-LSPA1-T-EE-02024										
					Return Date	21/03/2019	26/05/2019											
					Owner Cmmt*	A3	A3											
Category Code: T12 Intercom/Paging/Audible Alarm aystem layout																		
	EE	OL1-2T12-0002	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT COMMON AREA		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0003	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT METERING		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0004	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT MAIN PIPE RACK		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										

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LONG SON PETROCHEMICALS

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Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

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Document Code :

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IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0005	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT AREA SUBSTATION E & FAR E		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0006	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT AREA SUBSTATION C & FAR C		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0007	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT FURNACES UTILITY		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0008	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT QUENCH		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0009	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT PROCESS 20B		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0010	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT PROCESS 20C		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0011	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT PROCESS COLD COMPRESSORS		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0012	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT PROCESS CGC		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0013	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT BUTADIENE		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0014	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT COOLING WATER UNIT		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0015	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT UTILITIES		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0016	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT WASTE WATER TREATMENT		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T12-0017	TELECOM & SECURITY SYSTEMS DEVICES LAYOUT FLARE AREA		Purpose**	IFR	IDD	IFC										
					Rev.													
					Issue Plan	30/11/2019	31/01/2020	15/07/2020										
					Revised Plan	30/11/2019	31/01/2020	15/07/2020										
					Issue Actual													
					Transmittal no.													
					Return Date													

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DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment					Working Days			
					Owner Cmmt*												
Category Code: T13 Intercom/Paging/Audible Alarm aystem wiring layout																	
	EE	OL1-2T13-1001	TELECOM WIRING DRAWINGS FOR FAR-E SYSTEMS		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	28/02/2020	28/02/2020	31/08/2020									
					Revised Plan	28/02/2020	28/02/2020	31/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T13-1002	TELECOM WIRING DRAWINGS FOR FAR-C SYSTEMS		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	28/02/2020	28/02/2020	31/08/2020									
					Revised Plan	28/02/2020	28/02/2020	31/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T13-1003	TELECOM WIRING DRAWINGS FOR FAR-FL SYSTEMS		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	28/02/2020	28/02/2020	31/08/2020									
					Revised Plan	28/02/2020	28/02/2020	31/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T13-1004	TELECOM WIRING DRAWINGS FOR CCB SYSTEMS		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	28/02/2020	28/02/2020	31/08/2020									
					Revised Plan	28/02/2020	28/02/2020	31/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: T14 Cable drum schedule for Intercom/Paging/Audible Alarm aystem																	
Category Code: T15 Cable schedule for Intercom/Paging/Audible Alarm aystem																	
Category Code: T16 Connection List for Intercom/Paging/Audible Alarm aystem																	
	EE	OL1-2T16-1001	TELECOM CABLE LIST FOR FAR C SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2								
					Rev.												
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T16-1002	TELECOM CABLE LIST FOR FAR E SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2								
					Rev.												
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T16-1003	TELECOM CABLE LIST FOR FAR FL SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2								
					Rev.												
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T16-1004	TELECOM CABLE LIST FOR CCB AND OTHER BULDINGS SYSTEMS		Purpose**	IFR	IDD	IFC1	IFC2								
					Rev.												
					Issue Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Revised Plan	15/05/2020	15/08/2020	15/11/2020	31/01/2021								
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: T17 Bill of quantities for Intercom/Paging/Audible Alarm aystem																	
	EE	OL1-2T17-0001	TELECOMM. & SUPERVISORY SYSTEMS EQUIPMENT LIST		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	04/03/2019	28/02/2020	30/08/2020									
					Revised Plan	31/12/2019	28/02/2020	30/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
	EE	OL1-2T17-0002	TELECOMM. & SUPERVISORY SYSTEMS EQUIPMENT LIST FOR OTHER CONTRACTORS		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	04/03/2019	28/02/2020	30/08/2020									
					Revised Plan	31/12/2019	28/02/2020	30/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: T18 Typical drawing for Intercom/Paging/Audible Alarm aystem																	
Category Code: T20 Computer Network (LAN) and Telephone system equipment data sheets																	
Category Code: T21 Computer Network (LAN) and Telephone system schematic diagram																	
Category Code: T22 Computer Network (LAN) and Telephone system layout																	
Category Code: T23 Computer Network (LAN) and Telephone system wiring layout																	
Category Code: T24 Cable drum schedule for Computer Network (LAN) and Telephone system																	
Category Code: T25 Cable schedule for Computer Network (LAN) and Telephone system																	
Category Code: T26 Connection List for Computer Network (LAN) and Telephone system																	
	EE	OL1-2T26-0001	FIBRE OPTIC TERMINATION DRAWINGS		Purpose**	IFR	IDD	IFC									
					Rev.												
					Issue Plan	30/11/2019	28/02/2020	31/08/2020									
					Revised Plan	30/11/2019	28/02/2020	31/08/2020									
					Issue Actual												
					Transmittal no.												
					Return Date												
					Owner Cmmt*												
Category Code: T27 Bill of quantities for Computer Network (LAN) and Telephone system																	
Category Code: T28 Typical drawing for Computer Network (LAN) and Telephone system																	
Category Code: T30 CCTV, Access Control, and Intrusion Alarm system equipment data sheets																	
Category Code: T31 CCTV, Access Control, and Intrusion Alarm system schematic diagram																	
	EE	OL1-2T31-0001	Telecomm Syst Architecture Of Safety Supervisory System	Class 2	Purpose**	IFR	IBD										

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10
Issue Date	02/09/19

Item	Org.	Document No.	Document Name	Classification					Period for Company's comment						Working Days			
					Rev.	A	B											
					Issue Plan													
					Revised Plan	04/03/2019	09/05/2019											
					Issue Actual	04/03/2019	09/05/2019											
					Transmittal no.	TPSK-LSPA1-T-EE-00976	TPSK-LSPA1-T-EE-01624											
					Return Date	21/03/2019	26/05/2019											
					Owner Cmmt*	A3	A3											
Category Code: T32 CCTV, Access Control, and Intrusion Alarm system layout																		
Category Code: T33 CCTV, Access Control, and Intrusion Alarm system wiring layout																		
Category Code: T34 Cable drum schedule for CCTV, Access Control, and Intrusion Alarm system																		
Category Code: T35 Cable schedule for CCTV, Access Control, and Intrusion Alarm system																		
Category Code: T36 Connection List for CCTV, Access Control, and Intrusion Alarm system																		
Category Code: T37 Bill of quantities for CCTV, Access Control, and Intrusion Alarm system																		
Category Code: T38 Typical drawing for CCTV, Access Control, and Intrusion Alarm system																		
Category Code: T40 Fire Alarm system equipment data sheets																		
Category Code: T41 Fire Alarm system schematic diagram																		
Category Code: T42 Fire alarm system layout																		
Category Code: T43 Fire alarm system wiring layout																		
Category Code: T44 Cable drum schedule for Fire alarm system																		
Category Code: T45 Cable schedule for Fire alarm system																		
Category Code: T46 Connection List for Fire alarm system																		
Category Code: T47 Bill of quantities forFire alarm system																		
Category Code: T48 Typical drawing for Fire alarm system																		
Category Code: T60 Application software system																		
Category Code: T61 Application software Procedure																		
Category Code: T71 Appraisal Report for Consultancy Service																		
Category Code: T72 Appraisal Report for EPC Contractor Work																		
Category Code: T73 Appraisal Report for Vendor/Supplier																		
Category Code: T90 Vendor documents																		
Category Code: T91 Index/List																		
Category Code: T92 Procedures & Standards																		
	EE	OL1-2T92-0001	JSS FOR INTERCOM/PAGING/AUDIBLE ALARM SYSTEM		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	15/04/2019	15/05/2019											
					Revised Plan	03/01/2019	16/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
	EE	OL1-2T92-0002	JSS FOR SAFETY SUPERVISORY SYSTEM		Purpose**	IFR	IFF											
					Rev.													
					Issue Plan	15/04/2019	15/05/2019											
					Revised Plan	03/01/2019	16/05/2019											
					Issue Actual													
					Transmittal no.													
					Return Date													
					Owner Cmmt*													
Category Code: T93 Policy , Guidelines & Memo																		
Category Code: T94 Forms & Templates																		
Category Code: T95 Progress/Status Reports																		
Category Code: U02 Finance Reports																		
Category Code: U03 Certification(Finance)																		
Category Code: U07 Bond and other financial security for Consultancy Service																		
Category Code: U08 Bond and other financial security for EPC Contractor																		
Category Code: U09 Bond and other financial security for Vendor/Supplier																		
Category Code: U11 Certificates of Insurance																		
Category Code: U12 Insurance Policies and Guarantees																		
Category Code: U71 Appraisal Report for Consultancy Service																		
Category Code: U72 Appraisal Report for EPC Contractor Work																		
Category Code: U73 Appraisal Report for Vendor/Supplier																		
Category Code: U91 Index/List																		
Category Code: U92 Procedures & Standards																		
Category Code: U93 Policy , Guidelines & Memo																		
Category Code: U94 Forms & Templates																		
Category Code: U95 Progress/Status Reports																		
Category Code: V04 Interface Matrix (Responsibility Matrix)																		
Category Code: V71 Appraisal Report for Consultancy Service																		
Category Code: V72 Appraisal Report for EPC Contractor Work																		
Category Code: V73 Appraisal Report for Vendor/Supplier																		
Category Code: V91 Index/List																		
Category Code: V92 Procedures & Standards																		
Category Code: V93 Policy , Guidelines & Memo																		
Category Code: V94 Forms & Templates																		
Category Code: V95 Progress/Status Reports																		
Category Code: W71 Appraisal Report for Consultancy Service																		
Category Code: W72 Appraisal Report for EPC Contractor Work																		
Category Code: W73 Appraisal Report for Vendor/Supplier																		
Category Code: W90 Technical Report																		
	PM	OL1-2W90-0001	Firefighting basic design report for package A1		Purpose**	IFI	IFI											
					Rev.	0	1											
					Issue Plan													
					Revised Plan	10/08/2018	17/10/2018											
					Issue Actual	10/08/2018	17/10/2018											
					Transmittal no.	TPSK-LSPA1-T-PC-00020	TPSK-LSPA1-T-PM-00187											
					Return Date	20/08/2018												
					Owner Cmmt*	R2												
Category Code: W91 Index/List																		
Category Code: W92 Procedures & Standards																		
Category Code: W93 Policy , Guidelines & Memo																		
Category Code: W94 Forms & Templates																		
Category Code: W95 Progress/Status Reports																		
Category Code: X71 Appraisal Report for Consultancy Service																		
Category Code: X72 Appraisal Report for EPC Contractor Work																		
Category Code: X73 Appraisal Report for Vendor/Supplier																		
Category Code: X91 Index/List																		
Category Code: X92 Procedures & Standards																		
Category Code: X93 Policy , Guidelines & Memo																		
Category Code: X94 Forms & Templates																		
Category Code: X95 Progress/Status Reports																		
Category Code: Y01 Bidding Guideline																		
Category Code: Y02 Bidding Committee Assignment																		
Category Code: Y03 Bidding Policy																		
Category Code: Y04 Pre-Qualification Document																		
Category Code: Y05 List of qualified Bidders																		
Category Code: Y06 Bidding Evaluation Criteria for Consultancy Service																		
Category Code: Y07 Bidding Evaluation Criteria for EPC Contractor																		
Category Code: Y08 Bidding Evaluation Criteria for Vendor/Supplier																		

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LONG SON PETROCHEMICALS

Master Document Index (MDI)

Owner: Long Son Pterochemicals C0., Ltd.

Plant Name: PACKAGE A1: OLEFINS PLANT

Att. To OL1-2W91-0001 036909C-1000-NM-107

Document Code :

ABBREVIATION

**Revision Purpose of Issued Document		*Owner Feedback (Comment)		***Classification
IFR = Issue For Review	IFF = Issue For Final	A1 = App. w/o comments	R1 = No comments	Class 1 = For Approval
IFA = Issue For Approval	ASB = Issue For As-Built	A2 = App. with comments, re-submit not required	R2 = Comments as noted	Class 2 = For Review
IFC = Issue For Construction	AFC = Approved for Construction	A3 = App. with comments, re-submit for review		Class 3 = For Information
IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval		
IFP = Issue For Planning	/ Execution			
IFD = Issue For Design	CAN = Issue for Cancellation			

DOCUMENT NO.	REV.
LSP-2W91-0001	10

Issue Date 02/09/19

Item	Org.	Document No.	Document Name	Classification	Period for Company's comment										Working Days			
Category Code: Y09 Contractor Selection Plan																		
Category Code: Y13 ITB Structure																		
Category Code: Y21 Tender or ITB Document for Consultancy service																		
Category Code: Y22 Tender or ITB Document for EPC Contractor																		
Category Code: Y23 Tender or ITB Document for Vendor/Supplier																		
	ME	OL1-2Y23-2001	Technical Bid Tabulation for Convection Tubes	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	04/12/2018												
					Issue Actual	04/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00404												
					Return Date													
					Owner Cmmt*													
	PC	OL1-2Y23-2002	Technical Bid Tabulation for Convection Fittings	Class 2	Purpose**	IFI	IFI											
					Rev.	0	1											
					Issue Plan													
					Revised Plan	20/12/2018	07/01/2019											
					Issue Actual	20/12/2018	07/01/2019											
					Transmittal no.	TPSK-LSPA1-T-ME-00545	TPSK-LSPA1-T-PC-00591											
					Return Date													
					Owner Cmmt*													
	ME	OL1-2Y23-2003	Technical Bid Tabulation for Quench Exchangers	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	28/11/2018												
					Issue Actual	28/11/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00380												
					Return Date													
					Owner Cmmt*													
	PC	OL1-2Y23-2004	Technical Bid Tabulation for Radiant Coils	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	13/12/2018												
					Issue Actual	13/12/2018												
					Transmittal no.	TPSK-LSPA1-T-PC-00490												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2Y23-2006	Technical Bid Tabulation For Burners	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	04/02/2019												
					Issue Actual	04/02/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00789												
					Return Date	21/02/2019												
					Owner Cmmt*	R1												
	ME	OL1-2Y23-2007	Technical Bid Tabulation for Cast Intermediate Tube Supports	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	17/12/2018												
					Issue Actual	17/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00519												
					Return Date													
					Owner Cmmt*													
	ME	OL1-2Y23-2008	Technical Bid Tabulation for Peep Doors	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	06/02/2019												
					Issue Actual	06/02/2019												
					Transmittal no.	TPSK-LSPA1-T-ME-00813												
					Return Date	21/02/2019												
					Owner Cmmt*	R1												
	ME	OL1-2Y23-2018	Technical Bid Tabulation for Furnace Steam Drums	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	14/12/2018												
					Issue Actual	14/12/2018												
					Transmittal no.	TPSK-LSPA1-T-ME-00500												
					Return Date													
					Owner Cmmt*													
	PC	OL1-2Y23-2201	Technical Bid Tabulation For Control Valves	Class 2	Purpose**	IFI												
					Rev.	0												
					Issue Plan													
					Revised Plan	11/07/2019												
					Issue Actual	11/07/2019												
					Transmittal no.	TPSK-LSPA1-T-PC-02100												
					Return Date													
					Owner Cmmt*													
Category Code: Y31 Tender or ITB clarification records for Consultancy service																		
Category Code: Y32 Tender or ITB clarification records for EPC Contractor																		
Category Code: Y33 Tender or ITB clarification records for Vendor/Supplier																		
Category Code: Y41 Proposal Document of Consultancy service bidding																		
Category Code: Y42 Proposal Document of EPC Contractor bidding																		
Category Code: Y43 Proposal Document of Vendor/Supplier bidding																		
Category Code: Y51 Proposal clarification records for Consultancy service																		
Category Code: Y52 Proposal clarification records for EPC Contractor																		
Category Code: Y53 Proposal clarification records for Vendor/Supplier																		
Category Code: Y61 Un-Priced Commerical proposals evaluation report																		
Category Code: Y62 Priced Commercial proposals evaluation report																		
Category Code: Y63 Bid Evaluation Report (Technical & Un-priced Commercial proposal)																		
Category Code: Y64 Bid Evaluation report (Executive Summary)																		
Category Code: Y65 Nomination of successful bidder for approval																		
Category Code: Y66 EPC Contract Negotiation, Compliance Report																		
Category Code: Y71 Appraisal Report for Consultancy Service																		
Category Code: Y72 Appraisal Report for EPC Contractor Work																		
Category Code: Y73 Appraisal Report for Vendor/Supplier																		
Category Code: Y81 Consultancy Service Bidding Records																		
Category Code: Y82 EPC Contractor Bidding Records																		
Category Code: Y83 Vendor/Supplier Bidding Records																		

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