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Category Code: A92 Procedures & S	Standards													
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PL OL1-2C93-0001 Gener	eral Supply Rules for Supplier Documentat	ion Class 2	Purpose**	IFI	J									
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			Return Date	12/10/2018	1									
			Owner Cmmt*	R1	1									
Category Code: E05 Electrical Equips	ment datasheets													
EE OL1-2E05-3001 Typic		Class 1	Purpose**	IFQ		<u>.</u>		•	•	•	<u> </u>		•	_
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EE OL1-2E05-3500 Typic	cal Data Sheet For Low Voltage Variable Vo	ltag Class 1	Purpose**	IFQ										
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EE OL1-2E05-1100 Typic	cal Data Sheet for Medium Voltage Switch	gear: Class 1	Purpose**	IFQ	_]									
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Category Code: E10 Power system st	tudies													4
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Category Code: E12 Protective relay														Ħ
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Category Code: E17 Motor list														
Category Code: E18 Control and Sign														
Category Code: E19 Control schema														
Category Code: E20 Substation equi														
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Category Code: E23 Wiring drawing														
Category Code: E31 Power equipme														
Category Code: E32 Main cable rout														4
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Category Code: E35														
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	ceptacle panel board circuit schedule													4
Category Code: E43 Lighting and rec														4
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EE OL1-2E55-3001 Mater	erial Requisition For Low Voltage Motors L	ow \ Class 2	Purpose**	IFQ	-									
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EE OL1-2E55-1100 Mater	erial Requisition for Medium Voltage Switc	chge Class 2	Purpose**	IFQ										
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Category Code: E57			Owner Cmmt*											
EE OL1-2E57-3001 Particular To	echnical Specification For Low Volta	age Class 2	Purpose** IFQ											
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EE OL1-2E57-1100 Particular To	anhuinal Cunnification for Mandium V	(alt Class 2	Owner Cmmt*											
EE OLI-2ES7-1100 Particular II	echnical Specification for Medium v	OIT Class 2	Purpose** IFQ Rev. A											
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Category Code: E60 Cable drum schedule Category Code: E61 Cable schedule														
Category Code: E63 Construction material	and Bill of quantities													
Category Code: E92 Procedures & Standard														
EE OL1-2E92-0001 General Des		Class 2	Purpose** IFI											
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Category Code: F41														
Category Code: F94 Forms & Templates														
Category Code: G01 All Project Philosophi														
PE OL1-2G01-0001 JSD for P&II	O Preparation	Class 2	Purpose** IFA											
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			Transmittal no. TPSK-LSPA1-T-PE-000	06										
			Return Date 21/08/2018											
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PE OL1-2G01-0002 Cold Box De	sign Specification	Class 2	Purpose** IFR											
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PE OL1-2G01-0003 Plate-Fin Ex	changer Design Specification	Class 2	Purpose** IFR											
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			Return Date 12/10/2018 Owner Cmmt* R1	••••										
Category Code: G02 Design Basis														
PE OL1-2G02-0001 Process Des	ign Basis	Class 3	Purpose** IFA											
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			Transmittal no. TPSK-LSPA1-T-PE-000	 12										
			Return Date 17/08/2018											
			Owner Cmmt* A3											
PE OL1-2G02-0002 Equipment	Basis Of Design	Class 3	Purpose** IFA											
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PE OL1-2G02-0006 Furnace Pro	cess Basis of Design	Class 3	Purpose** IFA	IFD										
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			Owner Cmmt* A3											
PE OL1-2G02-0003 Flare and Bl	owdown System Design Basis	Class 3	Purpose** IFA											
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			Return Date 28/09/2018 Owner Cmmt* R2											
Category Code: G05 Equipment and Unit F	unctional Design		Owner Chillit KZ											
PE OL1-2G05-5001 Area Basis o		es Class 2	Purpose** IFA											
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DE	OI 1 2605 E201	Area Basis of Design E2 Cooling Tower System	Class 3	Owner Cmmt* A3 Purpose** IFA	IED
PE	UL1-2GU5-53U1	Area Basis of Design - 53 Cooling Tower System	Class 2	Rev. A	IFD B
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				Owner Cmmt* A3	
PE	OL1-2G05-5601	Area Basis of Design - 56 Waste Water Treatment St	y Class 2	Purpose** IFA	IFD
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				Issue Plan Revised Plan	
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				Return Date 27/08/2018 Owner Cmmt* A3	12/10/2018 A3
PE	OL1-2G05-1001	Area Basis of Design - 10 Feed Preparation	Class 2	Purpose** IFA	۸3
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				Issue Plan	_
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	0.4.0005.0004			Owner Cmmt* A3	4
PE	OL1-2G05-2001	Area Basis of Design - 20-21 Quench and Dilution S	1 Class 2	Purpose** IFA Rev. A	
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PE	OL1-2G05-2501	Area Basis of Design - 25 Cold Fractionation	Class 2	Purpose** IFA]
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				Return Date 27/08/2018 Owner Cmmt* A3	_
PE	OL1-2G05-2301	Area Basis of Design - 23 Caustic and Spent Caustic	Class 2	Owner Cmmt* A3 Purpose** IFA	
				Rev. A	
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				Issue Actual 08/08/2018 Transmittal no. TPSK-LSPA1-T-PE-00014	•
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				Owner Cmmt* A3	
PE	OL1-2G05-2601	Area Basis of Design - 26 Hot Fractionation	Class 2	Purpose** IFA	-
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				Issue Actual 08/08/2018	-
				Transmittal no. TPSK-LSPA1-T-PE-00014 Return Date 31/08/2018	
				Owner Cmmt* A3	•
PE	OL1-2G05-5501	Area Basis of Design - 55 Flare System	Class 2	Purpose** IFA]
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PE	OL1-2G05-2201	Area Basis of Design - 22-24 Compresssion Train	Class 2	Owner Cmmt* A3 Purpose** IFA	1
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PE	UL1-2GU5-28U1	Area Basis of Design - 28 Refrigeration	Class 2	Purpose** IFA Rev. A	<u>-</u>
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PE	OL1-2G05-3001	Area Basis of Design - 30 BDU	Class 2	Purpose** IFA	-
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PE	OL1-2G05-2602	Area Basis of Design - 262 C3 Hydrogenation	Class 2	Purpose** IFA	<u> </u>
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PE OL1-2G05-2702 Area Basis of Desi	ign - Area 275 C4-C5 Hydrogenatio (Purpose** IFA										
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PE OL1-2G05-2701 Area Basis of Desi	ign - 270 Gasoline Hydrogenation · 0		Purpose** IFA										
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PE OL1-2G22-0001 Flare Load Summ	nary (Purpose** IFR										
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ategory Code: G30 Process Equipment Data Sh		N 0		150									
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PE OL1-2G30-2800 Process Equipme	ent Data Sheet - 10-C-2800 - Propyl (Purpose** IFA Rev. A	IFD B									
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PE OL1-2G30-2850 Process Equipme	ent Data Sheet - 10-C-2850 - Ethyle (-	Purpose** IFA	IFD									
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			Return Date 28/09/2018 Owner Cmmt* A3	24/10/2018 30/11/2018 R2 A1									
PE OL1-2G30-2550 Process Equipme	ent Datasheet - 10-TX-2550 - 10-C-2		Purpose** IFA	IFD B	<u> </u>								
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PE OL1-2G30-2101 Process Equipme	ent Datasheet - 10-E-2100 A-F - Que (Purpose** IFA	IFD									
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			Transmittal no. TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00143									
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PE OL1-2G30-2502 Process Equipme	ent Datasheet - 10-E-2502 - Demeti (Purpose** IFA	IFD IFD									
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PE OL1-2G30-2503 Process Equipme	ent Datasheet - 10-E-2504 - Demeti (Owner Cmmt* A1 Purpose** IFA	A2 IFD									
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		-	Revised Plan 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									
PE OL1-2G30-2505 Process Equipme	ent Datasheet - 10-F2506 and 10-F		Owner Cmmt* A1 Purpose** IFA	A2 IFD									
		-	Rev. A	В									
			Issue Plan Revised Plan										
Confidential: This documen	nt is confidential and must	not be copie	Revised Plan or reproduced except with the expre	ess permission of Long Son Petrochen	nicals Co., Ltd.								

			ABBREVIATION					DOCUMENT NO.	REV.			
LONG CON	Master Docume	nt Index		**Revision Purpose	of Issued Document			*Owner Feed	lback (Comment)	***Classification	DOCOMENT NO.	NEV.
LONG SON		aox	IFR = Issue For Review		IFF = Issue For Final		A1 = App. w/o comments		R1 = No comments	Class 1 = For Approval		
TETROCTEMICALS	(MDI)		IFA = Issue For Approva		ASB = Issue For As-Built		A2 = App. with comments	, re-submit not required	R2 = Comments as noted	Class 2 = For Review	LSP-2W91-0001	Α
			IFC = Issue For Construc	/ Conditional / / / / / / / / Conditional / / / / / / / / / / / / / / / / / / /		A3 = App. with comments	, re-submit for review		Class 3 = For Information			
Owner:	Plant Name:		IFI = Issue For Information	n	IMP = Issue for Implemen	tation	A4 = Not App., re-submit	for approval			Issue Date	
			IFP = Issue For Planning		/ Execution							
Document Code :			IFD = Issue For Design		CAN = Issue for Cancella	tion		Period for Co	mpany's comment	Working Days		
Item Org. Document No.	Document Name	Classification										
·	-	·	Issue Actual	10/09/2018	04/10/2018				-	·	·	
			Transmittal no.	TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131							

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ument		Dayward Name	0116	IFD = Issue For Design		CAN = Issue for Cancellat
n Org.	Document No.	Document Name	Classification		10/00/0010	0.4/4.0/20.4.0
				Issue Actual Transmittal no.	10/09/2018 TPSK-LSPA1-T-PE-00036	04/10/2018 TPSK-LSPA1-T-PE-00131
				Return Date	02/10/2018	
	0.4.0000.0544			Owner Cmmt*	A3	150
PE	OL1-2G30-2511	Process Equipment Datasheet - 10-E-2510 - Demet	Class 2	Purpose**	IFA A	IFD R
				Rev. Issue Plan	Α	В
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				Issue Actual	10/09/2018 TPSK-LSPA1-T-PE-00036 02/10/2018	04/10/2018 TPSK-LSPA1-T-PE-00131
				Transmittal no. Return Date	02/10/2018	1PSK-LSPA1-1-PE-00131
				Owner Cmmt*	A1	
PE	OL1-2G30-2521	Process Equipment Datasheet - 10-E-2520 - Rectifie	Class 2	Purpose**	IFA	IFD
				Rev.	A	В
				Issue Plan Revised Plan		
				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	
PE	OL1-2G30-2526	Process Equipment Datasheet - 10-E-2525 - Hydrog	Class 2	Owner Cmmt* Purpose**	A3 IFA	IFD
				Rev.	A	В
				Issue Plan		
				Revised Plan	10/00/2019	04/10/2019
				Issue Actual Transmittal no.	10/09/2018 TPSK-LSPA1-T-PE-00036	04/10/2018 TPSK-LSPA1-T-PE-00131
				Return Date	02/10/2018	
				Owner Cmmt*	A1	
PE	OL1-2G30-2531	Process Equipment Datasheet - 10-E-2530 - Demet	Class 2	Purpose**	IFA A	IFD B
				Rev. Issue Plan	Α	В
				Revised Plan		
				Issue Actual	10/09/2018	04/10/2018 TPSK-LSPA1-T-PE-00131
				Transmittal no.	TPSK-LSPA1-T-PE-00036	TPSK-LSPA1-T-PE-00131
				Return Date Owner Cmmt*	02/10/2018 A3	
PE	OL1-2G30-2541	Process Equipment Datasheet - 10-E-2540 - Demet	Class 2	Purpose**	IFA	IFD
				Rev.	A	В
				Issue Plan		
				Revised Plan 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	
חר	011 2620 2571	Draces Faulinment Datasheet 10 F 3F70 Deethe	Class 2	Owner Cmmt*	A1	IED
PE	UL1-2G3U-2571	Process Equipment Datasheet - 10-E-2570 - Deetha	Class 2	Purpose** Rev.	IFA A	IFD B
				Issue Plan		
				Revised Plan Issue Actual		
				Issue Actual	10/09/2018	05/11/2018 TPSK-LSPA1-T-PE-00272
				Transmittal no. Return Date	TPSK-LSPA1-T-PE-00036 02/10/2018	26/11/2018
				Owner Cmmt*	A3	A2
PE	OL1-2G30-2585	Process Equipment Datasheet - 10-E-2585 - C2 Tow	Class 2	Purpose**	IFA	IFD
				Rev. Issue Plan	Α	В
				Revised Plan		
				Issue Actual	10/09/2018	04/10/2018
				Transmittal no.	TPSK-LSPA1-T-PE-00036 02/10/2018	TPSK-LSPA1-T-PE-00131
				Return Date Owner Cmmt*	02/10/2018 A1	
PE	OL1-2G30-2587	Process Equipment Datasheet - 10-E-2587 - C2 Tow	Class 2	Purpose**	IFA	IFD
				Rev.	A	В
				Issue Plan		
				Revised Plan 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	
PE	OI 1-2G30-2882	Process Equipment Datasheet - 10-E-2882 - LP Ethy	Class 2	Owner Cmmt* Purpose**	A1 IFA	IFD
	011 2030 2002	riocess Equipment Dutusineet 10 E 2002 Er Etny	C1033 2	Rev.	A	В
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				Revised Plan	10/00/2010	04/40/2040
				Issue Actual Transmittal no.	10/09/2018 TPSK-LSPA1-T-PE-00036	04/10/2018 TPSK-LSPA1-T-PE-00131
				Return Date	02/10/2018	51. 25. AI 11 L-00131
				Owner Cmmt*	A3	
PE	OL1-2G30-2884	Process Equipment Datasheet - 10-E-2884 - LP Ethy	Class 2	Purpose**	IFA	IFD
				Rev.	Α	В
				Issue Plan Revised Plan		
				Issue Actual	10/09/2018	04/10/2018
				Transmittal no.	10/09/2018 TPSK-LSPA1-T-PE-00036 02/10/2018	TPSK-LSPA1-T-PE-00131
				Return Date Owner Cmmt*	02/10/2018 A3	
PE	OL1-2G30-2500	Process Equipment Datasheet - 10-E-2500 - Propylo	Class 2	Purpose**	IFA	IFD
				Rev.	A	В
				Issue Plan		
				Revised Plan 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	
PE	OI 1-2620 2050	Process Equipment Datasheet - 10-E-2855 - C2R Co	Class 2	Owner Cmmt* Purpose**	A2 IFA	IFD
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PE	OL1-2G30-2645 Process Equipmen	it Datasheet - 10-E-2645 A-B - C3 ⁻ Class 2	Transmittal no. Return Date Owner Cmmt* Purpose**	TPSK-LSPA1-T-PE-00039 28/09/2018 A2 IFA	TPSK-LSPA1-T-PE-00272 26/11/2018 A1 IFD	IFD	1	·			
			Rev. Issue Plan Revised Plan Issue Actual	12/09/2018 TPSK-LSPA1-T-PE-00041	05/11/2018	07/12/2018					
PE	OL1-2G30-2857 Process Equipmen	it Datasheet - 10-E-2857 - HP Ethy Class 2	Transmittal no. Return Date Owner Cmmt* Purpose** Rev.	TPSK-LSPA1-T-PE-00041 01/10/2018 A1 IFA A	TPSK-LSPA1-T-PE-00272 26/11/2018 A2 IFD B	TPSK-LSPA1-T-PE-00438					
			Issue Plan Revised Plan Issue Actual Transmittal no. Return Date	12/09/2018 TPSK-LSPA1-T-PE-00041 01/10/2018	05/11/2018 TPSK-LSPA1-T-PE-00272 26/11/2018						
PE	OL1-2G30-2440 Process Equipmen		Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan	A1 IFA A	A1 IFD B						
PE	OL1-2G30-2450 Process Equipmen		Issue Actual Transmittal no. Return Date Owner Cmmt* Purpose**	14/09/2018 TPSK-LSPA1-T-PE-00053 03/10/2018 A3 IFA	12/10/2018 TPSK-LSPA1-T-PE-00167						
			Rev. Issue Plan Revised Plan Issue Actual	A 14/09/2018 TPSK-LSPA1-T-PE-00053 03/10/2018	B 12/10/2018 TPSK-LSPA1-T-PE-00167						
PE	OL1-2G30-2630 Process Equipmen	t Datasheet - 10-T-2630 - Second Class 2	Transmittal no. Return Date Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan	03/10/2018 A3 IFA A	IFD B	IFD C					
PE	OL1-2G30-2660 Process Equipmen	it Datasheet - 10-T-2660 - Debuta Class 2	Transmittal no. Return Date Owner Cmmt* Purpose** Rev.	14/09/2018 TPSK-LSPAL-T-PE-00053 03/10/2018 A3 IFA A	12/10/2018 TPSK-LSPA1-T-PE-00169 IFD B	04/12/2018 TPSK-LSPA1-T-PE-00407					
PE	OL1-2G30-2300 Process Equipmen	rt Datasheet - 10-T-2300 - Caustic Class 2	Issue Plan Revised Plan Issue Actual Transmittal no. Return Date Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan	14/09/2018 TPSK-LSPA1-T-PE-00053 03/10/2018 A3 IFA A	12/10/2018 TPSK-LSPAL-T-PE-00169 IFD B						
PE	OL1-4G30-1009 See document nun	mber 036909C-1011-PDS-0610-: Class 2	Issue Actual Transmittal no. Return Date Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan	18/09/2018 TPSK-LSPA1-T-PE-00060 24/10/2018 A3 IFR A	08/11/2018 TPSK-LSPA1-T-PE-00290						
PE	OL1-4G30-1010 See document nun	mber 036909C-1011-PDS-0610-: Class 2	Owner Cmmt* Purpose** Rev.	19/09/2018 TPSK-LSPA1-T-PE-00066 IFR A 19/09/2018							
PE	OL1-4G30-1008 See document nun	mber 036909C-1011-PDS-0630-: Class 2	Transmittal no. Return Date Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan Issue Actual	19/09/2018 TPSK-LSPA1-T-PE-00066 IFR A 19/09/2018							
PE	OL1-4G30-2009 See document nun	mber 036909C-1012-PDS-0610-: Class 2	Transmittal no. Return Date Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan	TPSK-LSPA1-T-PE-00066 IFR A							
PE	OL1-4G30-2008 See document nun	mber 036909C-1012-PDS-0630-: Class 2	Issue Actual Transmittal no. Return Date Owner Cmmt* Purpose** Rev. Issue Plan Revised Plan	19/09/2018 TPSK-LSPA1-T-PE-00066 IFR A 19/09/2018							

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

DOCUMENT NO.

LSP-2W91-0001

REV.

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							ABBREVIATION				DOCUM	IENT NO	REV
LONG SOM	Master Docum	ent Index		**Revision Purpose	of Issued Document		*Owner Feedback (Comn	nent)		***Classification	Docon	IENT NO.	REV.
LONG SON			IFR = Issue For Review		IFF = Issue For Final	A1 = App. w/o comments		R1 = No comments		Class 1 = For Approval			
TETROCITEMENES	(MDI)		IFA = Issue For Approval		ASB = Issue For As-Built		A2 = App. with comments, re-submit not required R2 = Comments as noted		d	Class 2 = For Review	LSP-2W91-0001		Α
			IFC = Issue For Construct	on	AFC = Approved for Construction	A3 = App. with comments	s, re-submit for review			Class 3 = For Information	1		
Owner:	Plant Name:		IFI = Issue For Information	l	IMP = Issue for Implementation	A4 = Not App., re-submit	for approval				Issue Date		
			IFP = Issue For Planning		/ Execution								
Document Code :			IFD = Issue For Design		CAN = Issue for Cancellation		Period for Company's com	ment		Working Days			
Item Org. Document No.	Document Name	Classification											
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PE	011 2620 2220	Process Equipment Datasheet - 10-TK-2320 - Sp	ont Class 2	Owner Cmmt*	IFA	IFD	
PE	OL1-2G30-2320	Process Equipment Datasneet - 10-1K-2520 - 5p	ent Class 2	Purpose** Rev.	A	В	
				Issue Plan Revised Plan			
				Revised Plan	20/00/2019	22/10/2019	
				Issue Actual Transmittal no.	20/09/2018 TPSK-LSPA1-T-PE-00068	22/10/2018 TPSK-LSPA1-T-PE-00203	
				Return Date	09/10/2018	30/11/2018	
				Owner Cmmt*	A3	A1	
PE	OL1-2G30-2146	Process Equipment Datasheet - 10-P-2146 A-B -	DSC Class 2	Purpose** Rev.	IFA Δ	IFD B	
				Issue Plan	A		
				Revised Plan			
				Issue Actual	20/09/2018	22/10/2018	
				Transmittal no. Return Date	TPSK-LSPA1-T-PE-00069 09/10/2018	TPSK-LSPA1-T-PE-00202 30/11/2018	
				Owner Cmmt*	A3	A1	
PE	OL1-2G30-2106	Process Equipment Datasheet - 10-P-2106 A-C -	Qui Class 2	Purpose** Rev.	IFA .	IFD	
				Issue Plan	A	В	
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				Issue Actual	20/09/2018 TPSK-LSPA1-T-PE-00070 09/10/2018	22/10/2018 TPSK-LSPA1-T-PE-00202 30/11/2018	
				Transmittal no. Return Date	09/10/2018	30/11/2018	
				Owner Cmmt*	A1	A1	
PE	OL1-2G30-2006	Process Equipment Datasheet - 10-P-2006 A-C -	Qui Class 2	Purpose**	IFA	IFD	
				Rev. Issue Plan	A	В	
				Issue Plan Revised Plan			
				Issue Actual	20/09/2018	22/10/2018	
				Transmittal no. Return Date	TPSK-LSPA1-T-PE-00071	TPSK-LSPA1-T-PE-00202 30/11/2018	
				Owner Cmmt*	09/10/2018 A3	30/11/2018 A1	
PE	OL1-2G30-2330	Process Equipment Datasheet - 10-T-2330 - Spe	nt C Class 2	Purpose**	IFA	IFA	IFD
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				Issue Actual	24/09/2018	11/10/2018	28/11/2018 TPSK-LSPA1-T-PE-00384
				Transmittal no.	TPSK-LSPA1-T-PE-00073	TPSK-LSPA1-T-PE-00160	TPSK-LSPA1-T-PE-00384
				Return Date Owner Cmmt*	12/10/2018 A3		
PE	OL1-2G30-2540	Process Equipment Datasheet - 10-T-2540 - 10-	D-2! Class 2	Purpose**	IFA	IFD	IFD C
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				Transmittal no.	TPSK-LSPA1-T-PE-00073	TPSK-LSPA1-T-PE-00306	TPSK-LSPA1-T-PE-00407
				Return Date Owner Cmmt*	24/10/2018 A3	29/11/2018 A3	
PE	OL1-2G30-2631	Process Equipment Datasheet - 10-E-2630 - Sec	ond Class 2	Purpose**	IFA	IFD	<u> </u>
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				Revised Plan 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	
PE	OL1-2G30-2635	Process Equipment Datasheet - 10-E-2635 - Sec	ond Class 2	Owner Cmmt* Purpose**	A2 IFA	A2 IFD	IFD
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				Revised Plan Issue Actual	24/09/2018	05/11/2018	07/12/2018
				Transmittal no.	24/09/2018 TPSK-LSPA1-T-PE-00074	TPSK-LSPA1-T-PE-00272	07/12/2018 TPSK-LSPA1-T-PE-00438
				Return Date	12/10/2018	26/11/2018	
PE	OL1-2G30-2636	Process Equipment Datasheet - 10-E-2636 - Sec	ond Class 2	Owner Cmmt* Purpose**	A2 IFA	A2 IFD	
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				Transmittal no.	TPSK-LSPA1-T-PE-00074	TPSK-I SPA1-T-PF-00272	
				Return Date	12/10/2018	26/11/2018	
PE	OL1-2G30-5352	Process Equipment Datasheet - 10-P-5350 A-H	· Ole Class 2	Owner Cmmt* Purpose**	A2 IFA	A1 IFD	IFD
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				Revised Plan 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		14/11/2018	14/11/2018 A1
PE	011-2620 5261	Process Equipment Datasheet - 10-P-5360 A-C -	CTI Clase ?	Owner Cmmt*	IFA	A1	A1
rE	OL1-2030-3301	1 100000 Equipment Datasneet - 10-P-5300 A-C-	CTC Class Z	Purpose** Rev.	A A	IFD B	IFD C
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				Issue Actual Transmittal no.	24/09/2018 TPSK-LSPA1-T-PE-00075	24/10/2018 TPSK-LSPA1-T-PE-00225	26/10/2018 TPSK-LSPA1-T-PE-00075
				Return Date	24/10/2018	14/11/2018	14/11/2018
D.F	011 2020 5252	Process Equipment Datashast 40 BK 5353 C	noli: Class 3	Owner Cmmt*	A3	A1	A1
PE	UL1-2G3U-5350	Process Equipment Datasheet - 10-PK-5350 - Co	DOTH CIASS Z	Purpose** Rev.	IFA A	IFD B	
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				Issue Actual Transmittal no.	25/09/2018 TPSK-LSPA1-T-PE-00082	24/10/2018 TPSK-LSPA1-T-PF-00226	
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PE OL1-2G30-5355 Process Equipment Datasheet - 10-PK-5355 - Side S Class 2 Owner Cmmt*	A1 IFD B 24/10/2018 24/10/2018 14/11/2018
Note	A1 IFD B 24/10/2018 IPSK-LSPA1-T-PE-0022 14/11/2018
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PE OL1-4G30-2011 Process Equipment Data sheet - 10-C-1200-1600 - 1 Class 2 Purpose** IFR Rev. A Issue Plan Revised Plan Issue Actual 26/09/2018 2	
Owner Cmmt* R1	
Owner Cmmt* R1	
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Owner Cmmt* R1	
PE OL1-2G30-2510 Process Equipment Datasheet - 10-T-2510 - 10-D-2 Class 2 Purpose** IFA	IFD
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Owner Cmmt* A3	A1
PE OL1-2G30-2575 Process Equipment Datasheet - 10-E-2575 - Deetha Class 2 Purpose** IFA	IFD
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Issue Plan Revised Plan	
Issue Actual 26/09/2018	05/11/2018
Transmittal no. TPSK-LSPA1-T-PE-00094 T	TPSK-LSPA1-T-PE-0027
Return Date 12/10/2018 Owner Cmmt* A2	26/11/2018 A1
PE OL1-2G30-2661 Process Equipment Datasheet - 10-E-2660 - Debuta Class 2 Purpose** IFA	IFD
<u>Rev.</u> A	В
Issue Plan Revised Plan	
Issue Actual 26/09/2018	05/11/2018
Transmittal no. TPSK-LSPA1-T-PE-00094 T	TPSK-LSPA1-T-PE-0027
Return Date 12/10/2018 Owner Cmmt* A2	26/11/2018 A1
PE OL1-2G30-2576 Process Equipment Datasheet - 10-E-2576 - Deetha Class 2 Purpose** IFA	IFD
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Revised Plan Issue Actual 26/09/2018	05/11/2018
Transmittal no. TPSK-LSPA1-T-PE-00094 T	TPSK-LSPA1-T-PE-0027
Return Date 12/10/2018 Owner Cmmt* A2	26/11/2018 A1
PE OL1-2G30-2665 Process Equipment Datasheet - 10-E-2665 A-B - Det Class 2 Purpose** IFA	IFD
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Revised Plan Issue Actual 27/09/2018	05/11/2018
Transmittal no. TPSK-LSPA1-T-PE-00101 T	TPSK-LSPA1-T-PE-0027
Return Date 12/10/2018	26/11/2018
PE OL1-2G30-2309 Process Equipment Datasheet - 10-D-2305 - Yellow Class 2 Purpose** IFA	A1
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Issue Plan Revised Plan	
Issue Actual 27/09/2018 Transmittal no. TPSK-LSPA1-T-PE-00102	
Return Date 14/11/2018	
Owner Cmmt* A3	150
PE OL1-2G30-2390 Process Equipment Datasheet - 10-D-2390 - Caustic Class 2 Purpose** IFA Rev. A	IFD B
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Issue Actual 27/09/2018 Transmittal no. TPSK-LSPA1-T-PE-00102 T	27/11/2018 FPSK-LSPA1-T-PE-0036
Return Date 14/11/2018	5.1 25. 71 1 72-0030
Owner Cmmt* A3	
PE OL1-2G30-2392 Process Equipment Datasheet - 10-D-2392 - Spent (Class 2 Purpose** IFA	IFD
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Issue Actual 27/09/2018	27/11/2018
Transmittal no. TPSK-LSPA1-T-PE-00102 T Return Date 14/11/2018	TPSK-LSPA1-T-PE-0036
Owner Cmmt* A3	
PE OL1-2G30-2322 Process Equipment Datasheet - 10-D-2322 - Skim O Class 2 Purpose** IFA	
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	Transmittal no. TPSK-LSPA1-T-PE-00082	TPSK-LSPA1-T-PE-00226
	Return Date 13/10/2018	14/11/2018
	Owner Cmmt* A3 Purpose** IFR	A1
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	Return Date 12/10/2018	
	Owner Cmmt* R1	
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	Transmittal no. TPSK-LSPA1-T-PE-00090	
	Return Date 12/10/2018	
	Owner Cmmt* R1	
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	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
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	Transmittal no. TPSK-LSPA1-T-PE-00094	1PSK-LSPA1-1-PE-00272
	Return Date 12/10/2018 Owner Cmmt* A2	26/11/2018
	Owner Cmmt* A2 Purpose** IFA	A1 IFD
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	Transmittal no. TPSK-LSPA1-T-PE-00094	TPSK-LSPA1-T-PE-00272
	Return Date 12/10/2018	26/11/2018
	Owner Cmmt* A2	A1 IFD
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	Return Date 12/10/2018	26/11/2018
	Owner Cmmt* A1	A1
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	Issue Actual 27/09/2018	
	Transmittal no. TPSK-LSPA1-T-PE-00102	
	Return Date 14/11/2018	
	Owner Cmmt* A3	
	Purpose** IFA	IFD
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	Issue Plan	
	Revised Plan Issue Actual 27/09/2018	27/11/2019
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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

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

DOCUMENT NO.

LSP-2W91-0001

REV.

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		ABBREVIATION								DOCUMENT NO.	REV.	
LONG SON	Master Document Index (MDI)	**Revision Purpose of Issued Document				*Owner Feedback (Comment)			***Classification		DOCOMENT NO.	REV.
		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		LSP-2W91-0001	A
i i		IFC = Issue For Construct	tion	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								
Document Code :		IFD = Issue For Design		CAN = Issue for Cancellation		Period for Company's comm	nent			Working Days		
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PE OL1-2G30-2666 Process Equipm	nent Datasheet - 10-E-2666 - Debuta Class 2	Purpose**	IFA	IFD						*		

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PE		Process Equipment Datasheet - 10-E-2666 - Debut		Purpose**	IEA	IFD		
PE	OL1-2G30-2000	Process Equipment Datasneet - 10-E-2000 - Debut	d Class 2	Rev.	IFA A	B B	1	
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DE	011 2620 2806	Process Equipment Datasheet - 10-E-2805 A-B - C3	Class 2	Owner Cmmt*	A3	A1	-	
PE	UL1-2G3U-28U6	Process Equipment Datasneet - 10-E-2805 A-B - C3		Purpose**	IFA Δ	IFD B	1	
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				Return Date Owner Cmmt*	12/10/2018	26/11/2018]	
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PE	OL1-2G30-2807	Process Equipment Datasheet - 10-E-2807 - C3 Chi	l Class 2	Purpose**	IFA .	IFD B		
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				Return Date	12/10/2018	26/11/2018	1	
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PE	OL1-2G30-2809	Process Equipment Datasheet - 10-E-2809 - C3 Chi	l Class 2	Purpose**	IFA	IFD	1	
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PE	011-2620 2052	Process Equipment Datashoot 10 F 39F3 C32 D	a Class ?	Owner Cmmt*	A1	A1	1	
FE	OL1-2030-2832	Process Equipment Datasheet - 10-E-2852 - C2R D	52 - C2R De Class 2	Purpose** Rev.	IFA A	IFD B	1	
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PE	OL1-2G30-2853	Process Equipment Datasheet - 10-E-2853 - C2R D	e Class 2	Purpose**	IFA	IFD		
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		Process Equipment Datasheet - 10-D-2160 - Dilutic Class 2		Issue Actual	28/09/2018	05/11/2018 TPSK-LSPA1-T-PE-00272	1	
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				Transmittal no.	TPSK-LSPA1-T-PE-00115			
				Return Date	05/11/2018			
		Process Equipment Datasheet - USC 132U Cracking Class 2		Owner Cmmt*	A3			
PE	OL1-4G30-2001		g Class 2	Purpose**	IFR .			
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				Transmittal no.	TPSK-LSPA1-T-PE-00117			
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PE	OL1-4G30-1001	Process Equipment Datasheet - USC 36M Cracking I C	I Class 2	Purpose**	IFR			
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				Owner Cmmt*				
PE	OL1-2G30-5101	Process Equipment Datasheet - 10-P-5100 A-C - SHI	I Class 2	Purpose**	IFR	IFD	1	
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				Return Date	26/10/2018 R1		1	
PE	011-2630-5102	Process Equipment Datasheet - 10-P-5102 A-B - VL	F Class 2	Owner Cmmt* Purnose**	IFR	IFD	1	
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PE	OL1-2G30-5109	Process Equipment Datasheet - 10-P-5110 A-B - Co	ı Class 2	Purpose**	IFR	IFD B	1	
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PE	OL1-2G30-5550	Process Equipment Datasheet - 10-D-5550 - HP Fla his document is confidential and mu	ı Class 2			IFD	Lan Care Det	sianta On 1111
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	Master Document Index (MDI)		DOCUMENT NO.	REV.				
LONG SOM		**Revision Purp	ose of Issued Document	*Owner	Feedback (Comment)	***Classification	DOCOMENT NO.	KEV.
LONG SON		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		A3 = App. with comments, re-submit for review		Class 3 = For Information		, i
Owner:	Plant Name:	IFI = Issue For Information	IMP = Issue for Implementation	A4 = Not App., re-submit for approval			Issue Date	
		IFP = Issue For Planning	/ Execution					
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				Issue Actual	08/10/2018	07/12/2018	
				Transmittal no.	TPSK-LSPA1-T-PE-00142	TPSK-LSPA1-T-PE-00440	
				Return Date	26/10/2018		
				Owner Cmmt*	R2		
PE	OL1-2G30-2210	Process Equipment Datasheet - 10-D-2210 - CG 1st	Class 2	Purpose**	IFR	IFD	
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				Issue Actual	09/10/2018	10/12/2018	
				Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00448	
				Return Date Owner Cmmt*	05/11/2018 R2		
PE	OL1-2G30-2220	Process Equipment Datasheet - 10-D-2220 - CG 2nd	Class 2	Purpose**	IFR	IFD	
r L	011-2030-2220	riocess Equipment Datasneet - 10-D-2220 - CG 2nd	Class 2	Rev.	A	В	
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				Return Date	05/11/2018		
				Owner Cmmt*	R2		
PE	OL1-2G30-2230	Process Equipment Datasheet - 10-D-2230 - CG 3rd	Class 2	Purpose**	IFR	IFD	
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				Return Date	05/11/2018		
				Owner Cmmt*	R2		
PE	OL1-2G30-2810	Process Equipment Datasheet - 10-D-2810 - C3R 1s	Class 2	Purpose**	IFR	IFD	
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				Transmittal no.		10/12/2019	
				Return Date Owner Cmmt*	05/11/2018 R2	10/12/2018 R1	
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				Return Date	05/11/2018	10/12/2018	
				Owner Cmmt*	R2	R1	
PE	OL1-2G30-2830	Process Equipment Datasheet - 10-D-2830 - C3R 3r	Class 2	Purpose**	IFR	IFD	
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				Transmittal no.	TPSK-LSPA1-T-PE-00144	TPSK-LSPA1-T-PE-00349	
				Return Date	05/11/2018	10/12/2018	
PE	011 2020 2040	Process Equipment Datasheet - 10-D-2840 - C3R 4t	Class 3	Owner Cmmt*	R2 IFR	R1	
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				Return Date	05/11/2018	10/12/2018	
				Owner Cmmt*	R2	R1	
PE	OL1-2G30-5100	Process Equipment Datasheet - 10-D-5100 - Deaera		Purpose**	IFR	IFD	
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				Issue Actual	09/10/2018	14/11/2018	
				Transmittal no.	TPSK-LSPA1-T-PE-00151 05/11/2018	TPSK-LSPA1-T-PE-00318	
				Return Date Owner Cmmt*	05/11/2018 R2		
PE	011-2620-1107	Process Equipment Datasheet - 10-D-1100 - USC 36	6 Class 2	Purpose**	IFR	IFD	
r L	011-2030-1107	riocess Equipment Datasneet - 10-D-1100 - 03C 3C	Class 2	Rev.	A A	В	
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				Owner Cmmt*	R2		
PE	OL1-2G30-1207	Process Equipment Datasheet - 10-D-1200-1600 - U	Class 2	Purpose**	IFR	IFD	
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				Transmittal no.	TPSK-LSPA1-T-PE-00159	TPSK-LSPA1-T-PE-00478	
				Return Date	05/11/2018		
PE OL1-2G30-2000		Brocoss Equipment Detechant 40 T 2000 C	r Class 2	Owner Cmmt*	R2	IED	
		Process Equipment Datasheet - 10-T-2000 - Quench		Purpose**	IFR A	IFD	
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				Issue Plan Revised Plan			
				Revised Plan Issue Actual	12/10/2018	04/12/2018	
				Transmittal no.	12/10/2018 TPSK-LSPA1-T-PE-00162	04/12/2018 TPSK-LSPA1-T-PE-00402	
				Return Date	05/11/2018		
				Owner Cmmt*	R2		
PE	OL1-2G30-2040	Process Equipment Datasheet - 10-T-2040 - Heavy F	Class 2	Purpose**	IFR	IFD B	
				Rev.	A	В	