



Borouge – Ethylene Unit 3 (EU3) Hydrogen Extraction Unit

Linde Plant-Project ID 3910A63X	Client Project ID 37001-00793	
Linde Plant-Project Code Ruwais_EU3_H2_Extraction	Client Project Code EU3 H2 Extraction	
Linde Document No. &AG-A-LD 1001 (EN)	Client Document No. 13-DM-317-00002	Client Rev. L50

External Master Engineering Document Register (MEDR) - Package 1

CLIENT DOCUMENT CLASSIFICATION CODE : 2

7	IFR	51	L50	18-June-2024	Issue for Review	A.Shah, ENDDM	R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	50	L49	11-June-2024	Issue for Review	A.Shah, ENDDM	R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	49	L48	04-June-2024	Issue for Review	A.Shah, ENDDM	R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	48	L47	28-May-2024	Issue for Review	A.Shah, ENDDM	R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	47	L46	21-May-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	46	L45	15-May-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	45	L44	09-May-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	44	L43	01-May-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM R.Avinashi, ENDIM	T.Baier, PE2
7	IFR	43	L42	24-Apr-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	41	L40	09-Apr-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	40	L39	03-Apr-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	39	L38	26-Mar-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	38	L37	19-Mar-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	37	L36	13-Mar-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	36	L35	05-Mar-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
7	IFR	35	L34	27-Feb-2024	Issue for Review	A.Shah, ENDDM	S.Badugu, ENDIM	T.Baier, PE2
Gate	Status	Issue	Client Rev.	Date (dd-mmm-yyyy)	Reason for Issue – Revision Description	Prepared	Reviewed	Approved

	CLASS 1			CLASS 2			CLASS 3			CLASS 4			Grand Total
Linde Discipline	Document Approved by Borouge	Further submission will be in Package2	Non-technical / Procedural documentation, No impact on the project	Document Approved by Borouge	Further submission will be in Package2	Non-technical / Procedural documentation , No impact on the project	Pending with Borouge	Pending with Linde	Document Approved by Borouge	Document Approved by Borouge	Pending with Borouge	Pending with Linde	
Civil engineering - field	1		1	1				1					1
Construction proposal and estimation						1		1					1
Contract management				9				10			2		12
Data and documentation management				2				1				4	11
Electrical engineering	3	1	4			1		1					1
Expediting				1		3	2						6
General				16				16	40	40	1		89
Instrumentation & process control engineering (I&C engineering)	32		32	3				3					10
Material engineering and QA/QC services	7		7	2	2			4	13	13			17
Pipe Stress Analysis				9				9	2	2			20
Piping material engineering	9		9	17				18	70	70	1		89
Plant layout & piping design				5	4			9				1	10
Process and environmental safety engineering	1		1	4	2	12		1					24
Project control			2	2		1		4				1	4
Project management	1	1	2	1				1			1		1
QHSE management								1					1
Rotating equipment engineering											1		1
Static equipment engineering	11	1	12										12
Steel structure engineering	1	1	2										2
Systems engineering	50	24	74	4	3			1					82
Grand Total	116	28	2	146	74	11	18	2	8	125	125	7	394

Customer Document Class code	Document Approved by Borouge	Further submission will be in Package2	Non-technical / Procedural documentation, No impact on the project	Pending with Borouge	Pending with Linde	Grand Total
CLASS 1	116	28	2			146
CLASS 2	74	11	18	2	8	113
CLASS 3	125					125
CLASS 4	7				1	10
Grand Total	322	39	20	4	9	394



Master Document Register
Ruwalis_EU3_H2_Extraction
3910A63X

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Civil engineering - field	CC-Civil Engineering	(3910A63X)-C-SY 2003	&AG C-SY 1001 (EN)	Scope of Work Civil & Steel Works	2.0	13	CC	105	13-CC-105-00001	P	CLASS 2	07.01 - Scope of work (for Topographical, Geotechnical, Civil and Steel works)	IFU	IFU	09/05/2023		21/02/2023	21/04/2023	LINDE-TRANSMIT-000184	&AGE02 C-SY 1001 (EN)	26/04/2023	Code 3		Package1	Document Approved by Borouge
Construction proposal and estimation	SY-Construction	(3910A63X)-W-LZ 9302	&AA W-LZ 9302 (EN)	Bill of Quantities (Pre-TA & TA)	4.0	13	SY	320	13-SY-320-00001	Q2	CLASS 1	14.06 - Detail Bill of Quantity (Tie-line)	IFQ	IFQ			26/05/2023	08/12/2023	LINDE-TRANSMIT-000874	&AAE04 W-LZ 9302 (EN)	21/12/2023	Code 3		Package1	Document Approved by Borouge
Contract management	DM-Project Management	(3910A63X)-A-PX 3001	&AA A-PX 3001 (EN)	Invoicing Procedure	1.0	13	DM	103	13-DM-103-00016	L	CLASS 2	11.19 - Invoices	IFD	IFD			12/05/2023	12/05/2023	LINDE-TRANSMIT-000255	&AAE01 A-PX 3001 (EN)	06/09/2023	Code 2		Package1	Non-technical / Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-LD 1001	&AG A-LD 1001 (EN)	External Master Engineering Document Register (MEDR) - Package 1	50.0	13	DM	317	13-DM-317-00002	L49	CLASS 4	PC-011 - Document/Drawing Index	IFU	IFU			15/03/2023	12/06/2024	LINDE-TRANSMIT-001448	&AGE47 A-LD 1001 (EN)	11/06/2024	Code 2		Package1	Pending with Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-PC 1002	&AG A-PC 1002 (EN)	Document and Data Exchange Procedure with Client for Package 1	3.0	13	DM	103	13-DM-103-00002	P1	CLASS 2	PC-001 - Procedures	IFE	IFE			22/02/2023	23/08/2023	LINDE-TRANSMIT-000631	&AGE03 A-PC 1002 (EN)	16/10/2023	Code 2		Package1	Pending with Linde
Data and documentation management	DM-Project Management	(3910A63X)-A-RX 2XXX	&AG A-RX 2001.001 (EN)	Transmittal Report to Client - Package 1	50.0	13	DM	455	13-DM-455-00002	L49	CLASS 4	11.01 / 12.15 - Procedures / Document/Drawing Index	IFU	IFU			24/03/2023	12/06/2024	LINDE-TRANSMIT-001447	&AGE47 A-RX 2001.001 (EN)	11/06/2024	Code 2		Package1	Pending with Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1002	&AA A-XX 1003.001 (EN)	Project Drawing Template - Vendors	1.0	13	DM	103	13-DM-103-00001-01	Q	CLASS 2	11.01 - Procedures	IFE	IFE			24/07/2023	24/07/2023	LINDE-TRANSMIT-000535	&AAE01 A-XX 1003.001 (EN)	14/08/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1002	&AG A-XX 1002.001 (EN)	Project Drawing Template	2.0	13	DM	103	E3-DM-103-00001-01	Q	CLASS 2	11.01 - Procedures	IFE	IFE			03/02/2023	16/03/2023	LINDE-TRANSMIT-000072	&AGE02 A-XX 1002.001 (EN)	17/04/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1003	&AG A-XX 1003 (EN)	MS Word Coversheet - Template	3.0	13	DM	103	E3-DM-103-01001	Q	CLASS 2	11.01 - Procedures	IFE	IFE			03/02/2023	16/03/2023	LINDE-TRANSMIT-000072	&AGE03 A-XX 1003 (EN)	17/04/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1003	&AG A-XX 1011 (EN)	Template MS Excel Cover sheet - Vendor	1.0	13	DM	103	13-DM-103-01017	Q	CLASS 2	11.01 - Procedures	IFE	IFR			24/04/2023	27/04/2023	LINDE-TRANSMIT-000200	&AGE01 A-XX 1011 (EN)	02/06/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1004	&AG A-XX 1004 (EN)	MS Excel Coversheet - Template	3.0	13	DM	103	E3-DM-103-01002	Q	CLASS 2	11.01 - Procedures	IFE	IFR			03/02/2023	16/03/2023	LINDE-TRANSMIT-000072	&AGE03 A-XX 1004 (EN)	17/04/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1004	&AG A-XX 1010 (EN)	Template MS Word Coversheet - Vendor	1.0	13	DM	103	13-DM-103-01016	Q	CLASS 2	11.01 - Procedures	IFE	IFR			24/04/2023	27/04/2023	LINDE-TRANSMIT-000200	&AGE01 A-XX 1010 (EN)	02/06/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1005	&AG A-XX 1005 (EN)	Concession Request Template	3.0	13	DM	103	13-DM-103-00005	Q1	CLASS 2	CS-023 - Concession Requests	IFE	IFE			03/03/2023	02/06/2023	LINDE-TRANSMIT-000403	&AGE03 A-XX 1005 (EN)	22/08/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1006	&AG A-XX 1006 (EN)	Borouge Technical Query Form	3.0	13	DM	103	13-DM-103-00006	Q1	CLASS 2	11.18 - Technical Queries	IFR	IFR			03/03/2023	02/06/2023	LINDE-TRANSMIT-000403	&AGE03 A-XX 1006 (EN)	22/08/2023	Code 3		Package1	Document Approved by Borouge
Data and documentation management	DM-Project Management	(3910A63X)-A-XX 1007	&AG A-XX 1007 (EN)	Interface Query Form	3.0	13	DM	103	13-DM-103-00007	Q1	CLASS 2	11.16 - Query Form	IFR	IFR			03/03/2023	02/06/2023	LINDE-TRANSMIT-000403	&AGE03 A-XX 1007 (EN)	22/08/2023	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-DE 4EC.0201	&AG E-DE 4EC.0201 (EN)	Technical Datasheet Medium Voltage Motor- Induction Type	3.0	13	EE	574	DS-13-574-EM-108	P	CLASS 1	E-054 / 10.12 - Data sheets / Data sheets	IFP	IFP			14/02/2023	16/02/2024	LINDE-TRANSMIT-001011	&AGE03 E-DE 4EC.0201 (EN)	26/04/2024	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-DE 4EC.0301	&AG E-DE 4EC.0301 (EN)	Technical Datasheet of Low Voltage Motor	3.0	13	EE	574	DS-13-574-EM-109	P	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFQ	IFQ			14/02/2023	16/02/2024	LINDE-TRANSMIT-001011	&AGE03 E-DE 4EC.0301 (EN)	24/04/2024	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-DE 4EC.0601	&AG E-DE 4EC.0501 (EN)	Technical data sheet of MV Soft starter	2.0	13	EE	574	DS-13-574-EM-117	N1	CLASS 1	E-054 / 10.12 - Data sheets / Data sheets	IFP	IFQ			14/02/2023	07/04/2023	LINDE-TRANSMIT-000158	&AGE02 E-DE 4EC.0501 (EN)	19/06/2023	Code 3		Package1	Further submission
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-GE 4EC.0401	&AG E-GE 4EC.0401 (EN)	List of attachment for MV VSD and MV Motor for FEED Gas compressor	2.0	13	EE	106	13-EE-106-00001	P	CLASS 1	10.16 - Material Requisition	IFQ	IFQ			09/02/2023	21/02/2024	LINDE-TRANSMIT-001018	&AGE02 E-GE 4EC.0401 (EN)	29/02/2024	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-RX 1001	&AG E-RX 1001 (EN)	Adequacy Report of IPCS, SCMS & Other Existing Electrical Systems	2.0	13	EE	564	13-EE-564-00001	P	CLASS 2	10.15 - Adequacy Report	IFE	IFE		06/04/2023	06/04/2023	18/05/2023	LINDE-TRANSMIT-000309	&AGE02 E-RX 1001 (EN)	05/07/2023	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-RX 1002	&AG E-RX 1002 (EN)	Site Survey Report of Feed Verification and 33kV Spare feeders Healthiness Check Tests Reports (Electrical)	2.0	13	EE	475	13-EE-475-01001	L1	CLASS 4	10.15 - Adequacy Report	IFI	IFI		15/03/2023	15/03/2023	01/06/2023	LINDE-TRANSMIT-000396	&AGE02 E-RX 1002 (EN)	19/07/2023	Code 4		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-RX 1005	&AG E-RX 1005 (EN)	Adequacy Report of Communication Systems	2.0	13	EE	564	13-EE-564-00002	L1	CLASS 4		IFI	IFI			21/04/2023	03/07/2023	LINDE-TRANSMIT-000492	&AGE02 E-RX 1005 (EN)	04/09/2023	Code 4		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-SD 4EH.0202	&AG E-RX 1003 (EN)	Site Survey Report - LAN System	2.0	13	EE	474	13-EE-474-00002	L1	CLASS 4	10.12 - Data sheets	IFP	IFP			15/03/2023	20/04/2023	LINDE-TRANSMIT-000177	&AGE02 E-RX 1003 (EN)	23/10/2023	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-SD 4EH.0203	&AG E-RX 1004 (EN)	Site Survey Report - PAGA System	3.0	13	EE	474	13-EE-474-00003	L2	CLASS 4	10.12 - Data sheets	IFP	IFP	03/04/2023		03/04/2023	23/06/2023	LINDE-TRANSMIT-000467	&AGE03 E-RX 1004 (EN)	06/09/2023	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-SY 4EC.0401	&AG E-SY 4EC.0401 (EN)	Scope of work for MV VSD and MV Motor for PSA FEED gas compressor	3.0	13	EE	105	13-EE-105-00006	P	CLASS 2	03.25 - Scope of work for PCS, ESD, FGS, IMMS, Compressor Control, APC Systems modifications/addition/expansion	IFR	IFR			03/03/2023	16/02/2024	LINDE-TRANSMIT-001010	&AGE03 E-SY 4EC.0401 (EN)	27/02/2024	Code 3		Package1	Document Approved by Borouge
Electrical engineering	EE-Electrical Engineering	(3910A63X)-E-SY 4EC.0501	&AG E-SY 4EC.0501 (EN)	Scope of work for MV motor package for OFF Gas compressor	3.0	13	EE	105	13-EE-105-00007	P	CLASS 2	03.25 - Scope of work for PCS, ESD, FGS, IMMS, Compressor Control, APC Systems modifications/addition/expansion	IFR	IFR			03/03/2023	10/04/2024	LINDE-TRANSMIT-001180	&AGE03 E-SY 4EC.0501 (EN)	26/04/2024	Code 2		Package1	Pending with Linde
Expediting	DG-Project Management-Inspection	(3910A63X)-K-PS 1001	&AA K-PS 1001 (EN)	Order Execution Procedure	3.0	13	DG	103	13-DG-103-00001	P	CLASS 2	11.01 - Procedures	IFE	IFE	22/02/2023		17/02/2023	20/06/2023	LINDE-TRANSMIT-000452	&AAE03 K-PS 1001 (EN)	01/09/2023	Code 2		Package1	Non-technical / Document Approved by Borouge
General	GG-General	(3910A63X)-A-AT 0E3XXXXXXX	&AA A-AT 0E3MEC0002 (EN)	Concession Request - Use of Hemispherical Head for 52-HE-1402	1.0	13	GG	510	LIN-CR-E3H2-MEC-0002	L	CLASS 2		IFE	IFE			06/06/2023	06/06/2023	LINDE-TRANSMIT-000417	&AAE01 A-AT 0E3MEC0002 (EN)	01/09/2023	Code 3		Package1	Non-technical / Document Approved by Borouge
General	GG-General	(3910A63X)-A-AT 0E3XXXXXXX	&AA A-AT 0E3PRO0001 (EN)	Justification for CR: Use of single isolation valve in BFW line no 12"- 52- BFW-140025- F2AU05-K9	2.0	13	GG	510	LIN-CR-0E3-PRO-0001	Q	CLASS 2		IFE	IFE			24/03/2023	01/06/2023	LINDE-TRANSMIT-000395	&AAE02 A-AT 0E3PRO0001 (EN)	26/07/2023	Code 2		Package1	Non-technical / Document Approved by Borouge
General	GG-General	(3910A63X)-A-AT 0E3XXXXXXX	&AA A-AT 0E3MEC0008 (EN)	Concession Request- RT & UT inaccessibility	1.0	13	GG	510	LIN-CR-E3H2-MEC-0008	L	CLASS 2		IFE	IFE			11/06/2024	11/06/2024	LINDE-TRANSMIT-001343			Under Review		Package1	Pending with Borouge
General	GG-General	(3910A63X)-A-AT 0E3XXXXXXX	&AA A-AT 0E3MEC0001 (EN)	Concession Request - Use of Fixed Tubesheet for 52-HE-1402	1.0	13	GG	510	LIN-CR-E3H2-MEC-0001	L	CLASS 2		IFE	IFE			06/06/2023	06/06/2023	LINDE-TRANSMIT-000417	&AAE01 A-AT 0E3MEC0001 (EN)	01/09/2023	Code 3		Package1	Non-technical / Document Approved by Borouge
General	GG-General	(3910A63X)-A-AT 0E3XXXXXXX	&AA W-AT 0E3CON0001 (EN)	CONCESSION REQUEST - Use of Special Split Tee for Hot Tagging	3.0	13	GG	510	LIN-CR-E3H2-CON-0001	Q	CLASS 2		IFE	IFE			01/03/2023	04/07/2023	LINDE-TRANSMIT-000500	&AAE03 W-AT 0E3CON0001 (EN)	01/09/2023	Code 3		Package1	Document Approved by Borouge
General	GG-General	(3910A63X)-A-AT 0E3XXXXXXX	&AA A-AT 0E3MEC0007 (EN)	Concession Request - Reduction in Main shell length of the Treated VHP BFW Preheater (52-HE-1402)	2.0	13	GG	510	LIN-CR-E3H2-MEC-0007	L1	CLASS 2		IFE	IFE			20/05/2024	27/05/2024	LINDE-TRANSMIT-001348			Under Review		Package1	Pending with Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0201 (EN)	Data Sheets – Venturi (For Tags 13-FE-2118 & 13-FE-2120 Only)	2.0	13	IE	573	DS-13-573-FE-2101	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000370	&AGE02 J-DF 4EP.0201 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0283 (EN)	Data Sheets – Venturi (For Tags 52-FE-14011, 52-FE-14012 & 52-FE-14013 Only)	2.0	13	IE	573	DS-52-573-FE-14183	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000372	&AGE02 J-DF 4EP.0283 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0280 (EN)	Data Sheets – Venturi (For Tags 53-FE-14021 & 53-FE-14221 Only)	2.0	13	IE	573	DS-53-573-FE-14180	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000373	&AGE02 J-DF 4EP.0280 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0207 (EN)	Data Sheets – Venturi (For Tags 13-FE-2718 & 13-FE-2720 Only)	2.0	13	IE	573	DS-13-573-FE-2107	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000370	&AGE02 J-DF 4EP.0207 (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0206 (EN)	Data Sheets – Venturi (For Tags 13-FE-2618 & 13-FE-2620 Only)	2.0	13	IE	573	DS-13-573-FE-2106	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000370	&AGE02 J-DF 4EP.0206 (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0205 (EN)	Data Sheets – Venturi (For Tags 13-FE-2518 & 13-FE-2520 Only)	2.0	13	IE	573	DS-13-573-FE-2105	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000370	&AGE02 J-DF 4EP.0205 (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0204 (EN)	Data Sheets – Venturi (For Tags 13-FE-2																					

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0203 (EN)	Data Sheets – Venturi (For Tags 13-FE-2318 & 13-FE-2320 Only)	2.0	13	IE	573	DS-13-573-FE-2103	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000370	&AGE02 J-DF 4EP.0203 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DF 4EP.02XX	&AG J-DF 4EP.0202 (EN)	Data Sheets – Venturi (For Tags 13-FE-2218 & 13-FE-2220 Only)	2.0	13	IE	573	DS-13-573-FE-2102	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC		28/04/2023	26/04/2023	29/05/2023	LINDE-TRANSMIT-000370	&AGE02 J-DF 4EP.0202 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0101 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 13-FT-2118 & 13-FT-2120 Only)	2.0	13	IE	573	DS-13-573-PDT-2001	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0101 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0183 (EN)	Data Sheets - Differential Pressure Transmitters (Unit 83 for Tags 52-FT-14011, 52-FT-14012 & 52-FT-14013 Only)	2.0	13	IE	573	DS-52-573-PDT-2083	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000372	&AGE02 J-DP 4ES.0183 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0180 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 53-FT-14021, 53-FT-14221 & 53-FT-14221B Only)	3.0	13	IE	573	DS-53-573-PDT-2080	Q1	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			23/05/2023	04/10/2023	LINDE-TRANSMIT-000778	&AGE03 J-DP 4ES.0180 (EN)	13/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0107 (EN)	Data Sheets - Differential Pressure Transmitters (Unit 07 for Tags 13-FT-2718 & 13-FT-2720 Only)	2.0	13	IE	573	DS-13-573-PDT-2007	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0107 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0106 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 13-FT-2618 & 13-FT-2620 Only)	2.0	13	IE	573	DS-13-573-PDT-2006	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0106 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0105 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 13-FT-2518 & 13-FT-2520 Only)	2.0	13	IE	573	DS-13-573-PDT-2005	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0105 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0104 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 13-FT-2418 & 13-FT-2420 Only)	2.0	13	IE	573	DS-13-573-PDT-2004	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0104 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0103 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 13-FT-2318 & 13-FT-2320 Only)	2.0	13	IE	573	DS-13-573-PDT-2003	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0103 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-DP 4ES.01XX	&AG J-DP 4ES.0102 (EN)	Data Sheets - Differential Pressure Transmitters (For Tags 13-FT-2218 & 13-FT-2220 Only)	2.0	13	IE	573	DS-13-573-PDT-2002	Q	CLASS 1	03.35 - Instrument Datasheets (including all field instruments, valves (on/off, control & relief), F&G devices" included in electronic version of deliverables list updated in July 2021	IFC	IFC			28/04/2023	29/05/2023	LINDE-TRANSMIT-000371	&AGE02 J-DP 4ES.0102 (EN)	04/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-LB 4EK.0101	&AG J-LB 4EK.0101 (EN)	Specification of Modification Materials of ICSS	3.0	13	IS	583	13-IS-583-00003	P1	CLASS 1	03.25 - Scope of work for DCS, ESD, FGS, MMS, Compressor Control, APC Systems modifications/addition/expansion	IFP	IFP	07/12/2022		21/02/2023	25/09/2023	LINDE-TRANSMIT-000754	&AGE03 J-LB 4EK.0101 (EN)	26/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-LB 4EK.0901	&AG J-LB 4EK.0901 (EN)	Specification of Modification Materials of LFCP & Deluge	3.0	13	IS	583	13-IS-583-00004	P1	CLASS 1		IFP	IFP			21/02/2023	20/09/2023	LINDE-TRANSMIT-000724	&AGE03 J-LB 4EK.0901 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IU-Instruments / Miscellaneous	(3910A63X)-J-LC 331.2001	&AG J-LC 331.2001 (EN)	Instrument Secondary Cable Schedule (Field Instrument to JB / ICS System and within SIS) (Only for Package 1)	3.0	13	IU	305	E3-IU-305-00004	Q2	CLASS 3	03.31 - Cable schedule/ JB Schedule / drum schedule	IFC	IFC	01/05/2023		01/05/2023	13/09/2023	LINDE-TRANSMIT-000701	&AGE03 J-LC 331.2001 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IU-Instruments / Miscellaneous	(3910A63X)-J-LC 331.3001	&AG J-LC 331.3001 (EN)	Instrument Multi-Pair Cable Schedule (Field to SIS - ICS System) (Only for Package 1)	2.0	13	IU	305	E3-IU-305-00001	Q1	CLASS 3	03.31 - Cable schedule/ JB Schedule / drum schedule	IFC	IFC	01/05/2023		01/05/2023	14/09/2023	LINDE-TRANSMIT-000703	&AGE02 J-LC 331.3001 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-LJ 312.1001	&AG J-LJ 312.1001 (EN)	Instrument Index (Package 1 Scope - TA Engineering)	3.0	13	IE	363	13-IE-304-00001	Q2	CLASS 2	03.13 - Instrument Index (including Fire & Gas and Package instruments)	IFD	IFD	11/05/2023	11/05/2023	12/05/2023	15/04/2024	LINDE-TRANSMIT-001197	&AGE03 J-LJ 312.1001 (EN)	29/04/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-LX 221.2001	&AG J-LX 221.2001 (EN)	Allocation of Package Unit Control Type	4.0	13	IS	363	13-IS-363-00004	P2	CLASS 2		IFD	IFD	21/12/2022	21/12/2022	12/05/2023	16/09/2023	LINDE-TRANSMIT-000711	&AGE04 J-LX 221.2001 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-LX 351.1001	&AG J-LX 351.2001 (EN)	IO Count	4.0	13	IS	363	13-IS-363-00002	P2	CLASS 2	03.27 - I/O List (DCS, ESD, FGS, LFCP, MCMS and all packages)	IFD	IFD		09/03/2023	15/03/2023	10/10/2023	LINDE-TRANSMIT-000800	&AGE04 J-LX 351.2001 (EN)	13/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-PA 214.1003	&AG J-PA 214.1001 (EN)	I&C Installation Concept	5.0	13	IE	563	13-IE-563-00002	P3	CLASS 2		IFD	IFD			12/05/2023	13/03/2024	LINDE-TRANSMIT-001096	&AGE05 J-PA 214.1001 (EN)	26/03/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-PA 216.1001	&AG J-PA 216.1001 (EN)	Safety Loop Design Concept	3.0	13	IE	563	13-IE-563-00005	P1	CLASS 2		IFD	IFD	21/04/2023	21/04/2023	12/05/2023	13/09/2023	LINDE-TRANSMIT-000700	&AGE03 J-PA 216.1001 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-PA 221.1001	&AG J-PA 221.1001 (EN)	General Design Specification for I&C of Package Units (Greenfield Compressor Package Only)	5.0	13	IE	583	13-IE-583-00003	P3	CLASS 3	03.25 - Scope of work for DCS, ESD, FGS, MMS, Compressor Control, APC Systems modifications/addition/expansion	IFD	IFD	21/12/2022	21/12/2022	12/05/2023	13/03/2024	LINDE-TRANSMIT-001097	&AGE05 J-PA 221.1001 (EN)	26/03/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-PA 242.1001	&AG J-PA 242.1001 (EN)	Concept of Signal transfer Interface Electrical - I&C	2.0	13	IS	563	13-IS-563-00003	P	CLASS 2		IFR	IFD			07/07/2023	27/09/2023	LINDE-TRANSMIT-000764	&AGE02 J-PA 242.1001 (EN)	28/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-PA 243.1001	&AG J-PA 243.1001 (EN)	Concept of Signal transfer - Control Systems	2.0	13	IS	563	13-IS-563-00006	P	CLASS 2		IFR	IFD			07/07/2023	09/10/2023	LINDE-TRANSMIT-000791	&AGE02 J-PA 243.1001 (EN)	10/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-RA 4EK.0001	&AG J-RA 4EK.0001 (EN)	Instrumentation & Control System Adequacy Report	3.0	13	IS	475	13-IS-475-70001	P1	CLASS 2	10.15 - Adequacy Report	IFD	IFD			03/03/2023	19/10/2023	LINDE-TRANSMIT-000824	&AGE03 J-RA 4EK.0001 (EN)	09/11/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-RX 1001	&AG J-RX 1001 (EN)	Package-1 Site Survey Report – Team 2 (Instrumentation & Control)	2.0	13	IS	471	E3-IS-474-01001	L1	CLASS 4	10.14 - Site Survey report	IFU	IFU			17/02/2023	25/05/2023	LINDE-TRANSMIT-000353	&AGE02 J-RX 1001 (EN)	05/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-SD 4EK.0101	&AG J-SD 4EK.0101 (EN)	Specification - Distributed Control System	3.0	13	IS	583	13-IS-583-00001	P1	CLASS 2	03.25 - Scope of work for DCS, ESD, FGS, MMS, Compressor Control, APC Systems modifications/addition/expansion	IFP	IFP	07/12/2022	07/12/2022	06/03/2023	15/09/2023	LINDE-TRANSMIT-000708	&AGE03 J-SD 4EK.0101 (EN)	21/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-SD 4EK.0401	&AG J-SD 4EK.0401 (EN)	Specification - Programmable Electronic Safety System	3.0	13	IS	583	13-IS-583-00002	P1	CLASS 2	03.25 - Scope of work for DCS, ESD, FGS, MMS, Compressor Control, APC Systems modifications/addition/expansion	IFP	IFP	07/12/2022	07/12/2022	06/03/2023	16/09/2023	LINDE-TRANSMIT-000712	&AGE03 J-SD 4EK.0401 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-SD 4EV.0101	&AG J-SD 4EV.0101.041 (EN)	General Specification of Control Valve	4.0	13	IS	583	E3-IE-583-00001																

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Instrumentation & process control engineering (I&C engineering)	IU-Instruments / Miscellaneous	(3910A63X)-J-ZA 511.1001	&AG J-ZA 511.1001 (EN)	Layout Satellite Instrument Shelter (SIS) Gas Cracking - Cabinet Arrangement	3.0	99	IU	208	13-IU-208-00001	Q1	CLASS 2	04.05 - Control Room Equipment Layout / Satellite Instrument Shelter Equipment Layout / Rack Room Layout / Console & Panel Layout	IFC	IFC			03/03/2023	08/02/2024	LINDE-TRANSMIT-000991	&AGE03 J-ZA 511.1001 (EN)	27/02/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IU-Instruments / Miscellaneous	(3910A63X)-J-ZA 511.1001	&AG J-ZA 511.1002 (EN)	Layout B3 Center Control Building (CCB) - Control & Rack Room Arrangement	3.0	99	IU	208	99-IE-203-90001	Q1	CLASS 2	04.05 - Control Room Equipment Layout / Satellite Instrument Shelter Equipment Layout / Rack Room Layout / Console & Panel Layout	IFC	IFC			28/03/2023	12/02/2024	LINDE-TRANSMIT-000997	&AGE03 J-ZA 511.1002 (EN)	04/04/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3065D (EN)	Termination Diagram 82-JM-3065-D (Only for Existing Terminal Block TB-1A and TB-1E)	2.0	13	IS	165	13-IS-165-25230	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.82JM3065D (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3066A (EN)	Termination Diagram 82-JM-3066-A (Only for Existing Terminal Block TB-1A and TB-1B)	1.0	13	IS	165	13-IS-165-25231	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	26/07/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE01 J-ZK 524.82JM3066A (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3067A (EN)	Termination Diagram 82-JM-3067-A (Only for Existing Terminal Block TB-1A)	2.0	13	IS	165	13-IS-165-25233	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.82JM3067A (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3136D (EN)	Termination Diagram 82-JM-3136-D (Only for Existing Terminal Block TB-3E and New TB-3H)	2.0	13	IS	165	13-IS-165-25064	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.82JM3136D (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3137A (EN)	Termination Diagram 82-JM-3137-A (Only for Existing Terminal Block TB-3C and New TB-3G)	2.0	13	IS	165	13-IS-165-25237	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.82JM3137A (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3030D (EN)	Termination Diagram 83-JM-3030-D (Only for New Terminal Block TB-1F)	2.0	13	IS	165	13-IS-165-25252	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.83JM3030D (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.13JBC41501 (EN)	Termination Diagram : 13-JBC-4-1-501	1.0	13	IS	165	13-IS-165-40035	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	29/09/2023	29/09/2023	LINDE-TRANSMIT-000776	&AGE01 J-ZK 524.13JBC41501 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.13JBD41501 (EN)	Termination Diagram : 13-JBD-4-1-501	1.0	13	IS	165	13-IS-165-40069	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	29/09/2023	29/09/2023	LINDE-TRANSMIT-000776	&AGE01 J-ZK 524.13JBD41501 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.50JBA14130005 (EN)	Termination Diagram : 50-JBA-14-1-30005	1.0	13	IS	165	50-IS-165-140004	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	25/07/2023	25/07/2023	LINDE-TRANSMIT-000539	&AGE01 J-ZK 524.50JBA14130005 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.52JBA14130002 (EN)	Termination Diagram : 52-JBA-14-1-30002	2.0	13	IS	165	52-IS-165-140001	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	21/04/2023	25/07/2023	LINDE-TRANSMIT-000539	&AGE02 J-ZK 524.52JBA14130002 (EN)	09/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.52JBA14130003 (EN)	Termination Diagram : 52-JBA-14-1-30003	1.0	13	IS	165	52-IS-165-140002	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	21/04/2023	21/04/2023	LINDE-TRANSMIT-000179	&AGE01 J-ZK 524.52JBA14130003 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3060D (EN)	Termination Diagram 82-JM-3060-D (Only for New Terminal Block TB-3G)	2.0	13	IS	165	13-IS-165-25198	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.82JM3060D (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.82JM3060A (EN)	Termination Diagram 82-JM-3060-A (Only for New Terminal Block TB-3H)	2.0	13	IS	165	13-IS-165-25196	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.82JM3060A (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.53JBD14133301 (EN)	Termination Diagram : 53-JBD-14-1-33301	1.0	13	IS	165	53-IS-165-140173	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	25/07/2023	25/07/2023	LINDE-TRANSMIT-000539	&AGE01 J-ZK 524.53JBD14133301 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.53JBC14133301 (EN)	Termination Diagram : 53-JBC-14-1-33301	2.0	13	IS	165	53-IS-165-140114	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	21/04/2023	25/07/2023	LINDE-TRANSMIT-000539	&AGE02 J-ZK 524.53JBC14133301 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.52JBD14131001 (EN)	Termination Diagram : 52-JBD-14-1-31001	2.0	13	IS	165	52-IS-165-140079	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	21/04/2023	25/07/2023	LINDE-TRANSMIT-000539	&AGE02 J-ZK 524.52JBD14131001 (EN)	09/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.52JBA14133301 (EN)	Termination Diagram : 52-JBA-14-1-33301	1.0	13	IS	165	52-IS-165-140015	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	21/04/2023	21/04/2023	LINDE-TRANSMIT-000179	&AGE01 J-ZK 524.52JBA14133301 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3032D (EN)	Termination Diagram 83-JM-3032-D (Only for Existing Terminal Block TB-1A and TB-3B)	2.0	13	IS	165	13-IS-165-25255	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	26/07/2023	LINDE-TRANSMIT-000542	&AGE02 J-ZK 524.83JM3032D (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3100D (EN)	Termination Diagram 83-JM-3100-D (Only for Existing Terminal Block TB-1F and New TB-1G)	2.0	13	IS	165	13-IS-165-25271	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	26/07/2023	10/08/2023	LINDE-TRANSMIT-000592	&AGE02 J-ZK 524.83JM3100D (EN)	21/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3130D (EN)	Termination Diagram 83-JM-3130-D (Only for Existing Terminal Block TB-3A)	1.0	13	IS	165	13-IS-165-25150	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	29/09/2023	29/09/2023	LINDE-TRANSMIT-000776	&AGE01 J-ZK 524.83JM3130D (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3132D (EN)	Termination Diagram 83-JM-3132-D (Only for Existing Terminal Block TB-1B and TB-1D)	2.0	13	IS	165	13-IS-165-25266	Q1	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	01/05/2023	29/09/2023	LINDE-TRANSMIT-000776	&AGE02 J-ZK 524.83JM3132D (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3140D (EN)	Termination Diagram 83-JM-3140-D (Only for New TB-1D)	1.0	13	IS	165	13-IS-165-25269	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	29/09/2023	29/09/2023	LINDE-TRANSMIT-000776	&AGE01 J-ZK 524.83JM3140D (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZK 524.1001	&AG J-ZK 524.83JM3141D (EN)	Termination Diagram 83-JM-3141-D (Only for New TB-3C)	1.0	13	IS	165	13-IS-165-25270	Q	CLASS 3	03.06 - Marshalling Wiring Diagram / Junction Box Termination Drawings	IFC	IFC		21/04/2023	29/09/2023	29/09/2023	LINDE-TRANSMIT-000776	&AGE01 J-ZK 524.83JM3141D (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 261.1002	&AG J-ZM 261.1002 (EN)	Function Block Diagram - Package 1 – Turnaround Engineering	4.0	13	IE	157	13-IE-157-00109	P2	CLASS 2	03.03 - Logic Diagrams for below systems' software configuration: a) DCS System, b) ESD System, c) FGS/IFCP System, d) Compressor Control system e). Fire & Gas Wiring diagrams shall also be considered	IFD	IFD		27/04/2023	27/04/2023	12/04/2024	LINDE-TRANSMIT-001189	&AGE04 J-ZM 261.1002 (EN)	26/04/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.52T14032 (EN)	Loop Drawing : 52-T-14032	3.0	13	IE	155	52-IS-155-140306	Q2	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			10/05/2023	10/08/2023	LINDE-TRANSMIT-000593	&AGE03 J-ZM 321.52T14032 (EN)	22/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.52P14054 (EN)	Loop Drawing : 52-P-14054	2.0	13	IE	155	52-IS-155-140303	Q1	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			10/05/2023	01/08/2023	LINDE-TRANSMIT-000558	&AGE02 J-ZM 321.52P14054 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.52H14034 (EN)	Loop Drawing : 52-H-14034	2.0	13	IE	155	52-IS-155-140308	Q1	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC		24/07/2023	10/08/2023		LINDE-TRANSMIT-000593	&AGE02 J-ZM 321.52H14034 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13X8196 (EN)	Loop Drawing : 13-X-8196	1.0	13	IE	155	13-IS-155-81002	Q	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			29/09/2023	29/09/2023	LINDE-TRANSMIT-000777	&AGE01 J-ZM 321.13X8196 (EN)	10/10/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13X7213 (EN)	Loop Drawing : 13-X-7213	2.0	13	IE	155	13-IS-155-72010	Q1	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			10/05/2023	28/07/2023	LINDE-TRANSMIT-000553	&AGE02 J-ZM 321.13X7213 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13H8142 (EN)	Loop Drawing : 13-H-8142	1.0	13	IE	155	13-IS-155-81001	Q	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			12/06/2023	12/06/2023	LINDE-TRANSMIT-000431	&AGE01 J-ZM 321.13H8142 (EN)	28/07/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13H7604 (EN)	Loop Drawing : 13-H-7604	2.0	13	IE	155	13-IS-155-73001	Q1	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			12/06/2023	10/08/2023	LINDE-TRANSMIT-000593	&AGE02 J-ZM 321.13H7604 (EN)	22/08/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13H7240 (EN)	Loop Drawing : 13-H-7240	1.0	13	IE	155	13-IS-155-72006	Q	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			12/06/2023	12/06/2023	LINDE-TRANSMIT-000431	&AGE01 J-ZM 321.13H7240 (EN)	28/07/2023	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13H7230 (EN)	Loop Drawing : 13-H-7230	1.0	13	IE	155	13-IS-155-72005	Q	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			12/06/2								

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13H7204 (EN)	Loop Drawing : 13-H-7204	1.0	13	IE	155	13-IS-155-72002	Q	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			12/06/2023	12/06/2023	LINDE-TRANSMIT-000431	&AGE01 J-ZM 321.13H7204 (EN)	28/07/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.52X14034 (EN)	Loop Drawing : 52-X-14034	2.0	13	IE	155	52-IS-155-140307	Q1	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			24/07/2023	10/08/2023	LINDE-TRANSMIT-000593	&AGE02 J-ZM 321.52X14034 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZM 321.1001	&AG J-ZM 321.13H7200 (EN)	Loop Drawing : 13-H-7200	1.0	13	IE	155	13-IS-155-72001	Q	CLASS 3	03.02 - Instrument Loop Diagrams (all instruments including Package, Fire & Gas)	IFC	IFC			12/06/2023	12/06/2023	LINDE-TRANSMIT-000431	&AGE01 J-ZM 321.13H7200 (EN)	28/07/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZX 212.2001	&AG J-ZX 212.2001 (EN)	I&C System Overview (Applicable for Package 1 & 2 Only)	5.0	13	IS	170	13-IS-170-00002	P3	CLASS 2	03.07 - Control System Architecture Drawings	IFD	IFD	20/02/2023		22/02/2023	15/02/2024	LINDE-TRANSMIT-001007	&AGE05 J-ZX 212.2001 (EN)	27/02/2024	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(3910A63X)-J-ZX 221.2001	&AG J-ZX 221.2001 (EN)	I&C System Overview(Architecture) – Compressor Package Units	3.0	13	IS	170	13-IS-170-00001	P1	CLASS 2	04.05 - Control Room Equipment Layout / Satellite Instrument Shelter Equipment Layout / Rack Room Layout / Console & Panel Layout.	IFD	IFD			16/05/2023	27/09/2023	LINDE-TRANSMIT-000773	&AGE03 J-ZX 221.2001 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(3910A63X)-J-ZY 271.1001	&AG J-ZY 271.1001 (EN)	Logic Diagram - Package 1: Turnaround Engineering	4.0	13	IE	157	13-IE-157-00110	P2	CLASS 1	03.03 - Logic Diagrams for below systems' software configuration; a) DCS System, b) ESD System, c) FGS/LFCP System, d) Compressor Control system e) Fire & Gas Wiring diagrams shall also be considered	IFD	IFD			27/04/2023	27/04/2023	12/04/2024	LINDE-TRANSMIT-001188	&AGE04 J-ZY 271.1001 (EN)	29/04/2024	Code 3		Package1	Document Approved by Borouge
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEK-0001)-J-BT 4EK.0101	&AG J-BX 4EK.0101 (EN)	Technical Bid Evaluation – DCS/ESD (For Brownfield Turn Around Material)	3.0	13	IS	316	13-IE-316-00103	P1	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			22/05/2023	31/08/2023	LINDE-TRANSMIT-000557	&AGE03 J-BX 4EK.0101 (EN)	16/11/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEK-0001)-J-BT 4EK.0101	&AG J-BT 4EK.0101 (EN)	Technical Bid Tabulation - DCS/ESD (For Brownfield Turn Around Material)	2.0	13	IS	316	13-IE-316-00003	P	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			17/04/2023	18/05/2023	LINDE-TRANSMIT-000301	&AGE02 J-BT 4EK.0101 (EN)	27/07/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(ROEK-0002)-J-BT 4EK.0902	&AG J-BX 4EK.0902 (EN)	Technical Bid Evaluation (TBE) : B3-CCB Deluge Console (For Brownfield Turn Around Material)	3.0	13	IE	316	13-IE-316-00105	P1	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			22/05/2023	31/08/2023	LINDE-TRANSMIT-000657	&AGE03 J-BX 4EK.0902 (EN)	07/12/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(ROEK-0002)-J-BT 4EK.0902	&AG J-BT 4EK.0902 (EN)	Technical Bid Tabulation (TBT) : B3-CCB Deluge Console (For Brownfield Turn Around Material)	2.0	13	IE	316	13-IE-316-00005	P	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			17/04/2023	19/05/2023	LINDE-TRANSMIT-000307	&AGE02 J-BT 4EK.0902 (EN)	28/07/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEK-0002)-J-SD 4EK.0902	&AG J-SD 4EK09.1002 (EN)	CCB Deluge Console Specification	4.0	13	IS	583	13-IS-583-00005	P1	CLASS 2	03.25 - Scope of work for DCS, ESD, FGS, MMS, Compressor Control, APC Systems modifications/addition/expansion	IFP	IFP			23/03/2023	14/09/2023	LINDE-TRANSMIT-000705	&AGE04 J-SD 4EK09.1002 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(ROEK-0003)-J-BT 4EK.0901	&AG J-BX 4EK.0901 (EN)	Technical Bid Evaluation – B3-CCB LFCP (Local Fire Control Panel) (For Brownfield Turn Around Material) MR Number : 0032JA1610	5.0	13	IE	316	13-IE-316-00104	P3	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			22/05/2023	05/01/2024	LINDE-TRANSMIT-000912	&AGE05 J-BX 4EK.0901 (EN)	01/02/2024	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IE-Instruments / Equipment	(ROEK-0003)-J-BT 4EK.0901	&AG J-BT 4EK.0901 (EN)	Technical Bid Tabulation (TBT): B3-CCB LFCP (Local Fire Control Panel) (For Brownfield Turn Around Material) MR Number : 0032JA1610	4.0	13	IE	316	13-IE-316-00004	P2	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			17/04/2023	10/10/2023	LINDE-TRANSMIT-000801	&AGE04 J-BT 4EK.0901 (EN)	13/10/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEN-0001)-J-BT 4EN.0001	&AG J-BX 4EN.0101 (EN)	Technical Bid Evaluation – Gas Density/Specific Gravity meter	2.0	13	IS	316	13-IE-316-00102	P	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			31/05/2023	13/09/2023	LINDE-TRANSMIT-000696	&AGE02 J-BX 4EN.0101 (EN)	17/11/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEN-0001)-J-BT 4EN.0001	&AG J-BT 4EN.0101 (EN)	Technical Bid Tabulation - Gas Density/Specific Gravity Meter (For Tag 50-AT-14101)	3.0	13	IS	316	13-IE-316-00002	P1	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			18/04/2023	28/08/2023	LINDE-TRANSMIT-000645	&AGE03 J-BT 4EN.0101 (EN)	11/09/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEV-0001)-J-BT 4EV.0101	&AG J-BX 4EV.0101 (EN)	Technical Bid Evaluation - Control Valve (TAG NO.13-PV-4515); MR Number: 0032JA1580	3.0	13	IS	316	13-IE-316-00101	P1	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			07/06/2023	26/09/2023	LINDE-TRANSMIT-000759	&AGE03 J-BX 4EV.0101 (EN)	10/11/2023	Code 3		Package1	Document Approved by Borouge	
Instrumentation & process control engineering (I&C engineering)	IS-Instruments / Systems	(ROEV-0001)-J-BT 4EV.0101	&AG J-BT 4EV.0101 (EN)	Technical Bid Tabulation - Control Valve (TAG NO. 13-PV-4515)	2.0	13	IS	316	13-IE-316-00001	P	CLASS 1	03.14 - Technical Bid Evaluation / Analysis	IFP	IFP			03/03/2023	23/05/2023	LINDE-TRANSMIT-000328	&AGE02 J-BT 4EV.0101 (EN)	26/07/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1001	&AA T-SL 011-6XX.R03 (EN)	Technical Purchase Specification for Seamless Pipes	3.0	13	LP	586	13-LP-586-00010	P1	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP	27/01/2023		07/03/2023	18/04/2023	LINDE-TRANSMIT-000172	&AAE03 T-SL 011-6XX.R03 (EN)	23/05/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1002	&AA T-SL 013-6XX.R03 (EN)	Technical Purchase Specification for Welded Pipes	3.0	13	LP	586	13-LP-586-00011	P1	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP	27/01/2023		07/03/2023	18/04/2023	LINDE-TRANSMIT-000172	&AAE03 T-SL 013-6XX.R03 (EN)	22/05/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1003	&AA T-SL 014-6XX.R03 (EN)	Technical Purchase Specification for Seamless and Welded Fittings	4.0	13	LP	586	13-LP-586-00012	P2	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP	27/01/2023		07/03/2023	03/07/2023	LINDE-TRANSMIT-000498	&AAE04 T-SL 014-6XX.R03 (EN)	21/08/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1005	&AA T-SL 021-6XX.R03 (EN)	Technical Purchase Specification for Flanges	4.0	13	LP	586	13-LP-586-00013	P2	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP	27/01/2023		07/03/2023	03/07/2023	LINDE-TRANSMIT-000498	&AAE04 T-SL 021-6XX.R03 (EN)	21/08/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1006	&AA T-SL 031-6XX.R03 (EN)	Technical Purchase Specification for Valves	4.0	13	LP	586	13-LP-586-00018	P2	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP	27/01/2023		07/03/2023	03/07/2023	LINDE-TRANSMIT-000498	&AAE04 T-SL 031-6XX.R03 (EN)	08/08/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1010	&AA T-SL 042-6XX.R03 (EN)	Technical Purchase Specification - Bolting, Nuts	1.0	13	LP	586	13-LP-586-00017	P	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP			31/03/2023	31/03/2023	LINDE-TRANSMIT-000115	&AAE01 T-SL 042-6XX.R03 (EN)	01/05/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	LP-Piping Engineering	(3910A63X)-T-SL 1011	&AA T-SL 048-6XX.R03 (EN)	Technical Purchase Specification - Gaskets	2.0	13	LP	586	13-LP-586-00021	P1	CLASS 1	01.02 - Requisition / Supply Specifications/ Technical Specifications	IFP	IFP			31/03/2023	11/05/2023	LINDE-TRANSMIT-000248	&AAE02 T-SL 048-6XX.R03 (EN)	22/05/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	MR-Mechanical / Fire Protection	(3910A63X)-T-SS 2301	&AA T-SS 2301 (EN)	Corrosion Protection by Protective Coating (Addendum to BGS-MX-001)	3.0	13	MR	582	13-MR-582-00001	Q2	CLASS 2		IFC	IFC	27/01/2023		28/02/2023	25/05/2023	LINDE-TRANSMIT-000342	&AAE03 T-SS 2301 (EN)	14/06/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	MN-Mechanical / Insulation	(3910A63X)-T-SS 2401	&AA T-SS 2401 (EN)	Insulation Specification (Addendum to BGS-MN 004, BGS-MN-100, BGS-MU-010)	2.0	13	MN	582	13-MN-582-00001	Q1	CLASS 2	P-035 - Insulation Specification and thickness table	IFC	IFC	27/01/2023		28/02/2023	28/04/2023	LINDE-TRANSMIT-000204	&AAE02 T-SS 2401 (EN)	22/05/2023	Code 3		Package1	Document Approved by Borouge	
Material engineering and QA/QC services	PP-Process Engineering	(3910A63X)-T-SW 4000	&AA T-SW 4000 (EN)	Material Requirements for Borouge – Ethylene Unit 3 (EU3) Hydrogen Extraction Unit	1.0	13	PP	154	13-PP-154-00001	L	CLASS 2		IFD	IFD	27/01/2023		28/03/2023	28/03/2023	LINDE-TRANSMIT-000599	&AAE01 T-SW 4000 (EN)	11/10/2023	Code 3		Package1	Document Approved by Borouge	
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3010 (EN)	Final Pipe Stress Analysis Report R37-09913-1	1.0	13	LP	404	13-LP-404-00210	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000457	&AGE01 L-CE 3010 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3001 (EN)	Pipe Stress Analysis Calculation No. R54-141020-1	2.0	13	LP	404	13-LP-404-00201	L1	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	21/06/2023	LINDE-TRANSMIT-000457	&AGE02 L-CE 3001 (EN)	11/07/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3002 (EN)	Pipe Stress Analysis Calculation No. R52-148190-1	2.0	13	LP	404	13-LP-404-00202	L1	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	21/06/2023	LINDE-TRANSMIT-000457	&AGE02 L-CE 3002 (EN)	11/07/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3003 (EN)	Final Pipe Stress Analysis Report R50-141060-1	1.0	13	LP	404	13-LP-404-00203	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3003 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3004 (EN)	Final Pipe Stress Analysis Report R13-20040-1	1.0	13	LP	404	13-LP-404-00204	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3004 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3005 (EN)	Final Pipe Stress Analysis Report R13-33040-1	1.0	13	LP	404	13-LP-404-00205	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3005 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3006 (EN)	Final Pipe Stress Analysis Report R54-143020-1	1.0	13	LP	404	13-LP-404-00206	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3006 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3007 (EN)	Final Pipe Stress Analysis Report R50-141010-1	1.0	13	LP	404	13-LP-404-00207	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3007 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3008 (EN)	Final Pipe Stress Analysis Report R68-141020-1	1.0	13	LP	404	13-LP-404-00208	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3008 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-CE 3000	&AG L-CE 3009 (EN)	Final Pipe Stress Analysis Report R68-143070-1	1.0	13	LP	404	13-LP-404-00209	L	CLASS 3	08.18 - Stress Analysis Calculations Report and Native files	IFD	IFD			06/03/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000279	&AGE01 L-CE 3009 (EN)	12/06/2023	Code 4		Package1	Document Approved by Borouge
Pipe Stress Analysis	LP-Piping Engineering	(3910A63X)-L-LL 3001	&AG L-LL 3001 (EN)	Critical Line List - Pipe Stress Analysis	3.0	13	LP	352	13-LP-352-03001	P1	CLASS 2	08.15 - Stress critical line list (Including updating of affected existing documents)	IFD	IFD	10/03/2023		10/03/2023	04/09/2023	LINDE-TRANSMIT-000673	&AGE03 L-LL 3001 (EN)	15/09/2023	Code 3				

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Piping material engineering	LG-Piping / General	(3910A63X)-R-BX 2002	&AG R-BX 2001 (EN)	Technical Bid Evaluation for Valves	2.0	13	LG	316	13-LG-316-0102	P	CLASS 1	08.13 - Technical Bid Evaluation with all necessary technical details including qualification for all piping components	IFP	IFP			17/05/2023	26/09/2023	LINDE-TRANSMIT-000760	&AGE02 R-BX 2001 (EN)	06/12/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(3910A63X)-R-BX 3001	&AG R-BX 3001 (EN)	Technical Bid Evalutation for HDPE Piping	2.0	13	LG	316	13-LG-316-00103	P	CLASS 1		IFP	IFP			23/05/2023	12/09/2023	LINDE-TRANSMIT-000686	&AGE02 R-BX 3001 (EN)	01/02/2024	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(3910A63X)-R-BX 4001	&AG R-BX 4001 (EN)	Technical Bid Evalutation for Gaskets	3.0	13	LG	316	13-LG-316-00104	P1	CLASS 1		IFP	IFP			24/07/2023	05/01/2024	LINDE-TRANSMIT-000910	&AGE03 R-BX 4001 (EN)	09/02/2024	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(3910A63X)-R-BX 5001	&AG R-BX 5001 (EN)	Technical Bid Evalutation for Fasteners	2.0	13	LG	316	13-LG-316-00105	P	CLASS 1		IFP	IFP			24/07/2023	23/08/2023	LINDE-TRANSMIT-000635	&AGE02 R-BX 5001 (EN)	12/02/2024	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-LP 1001	&AG R-LP 1001.001 (EN)	Package-1 Piping Material Take Off - Consolidated	1.0	13	LP	302	13-LP-302-01002	L	CLASS 3	08.10 - Bill of material	IFI	IFI			18/05/2023	18/05/2023	LINDE-TRANSMIT-000299	&AGE01 R-LP 1001.001 (EN)	26/09/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-LP 1001	&AG R-LP 1001 (EN)	Package-1 Piping Material Take Off - Line wise	3.0	13	LP	302	13-LP-302-01001	L1	CLASS 3	08.10 - Bill of material	IFI	IFI			27/04/2023	18/05/2023	LINDE-TRANSMIT-000298	&AGE03 R-LP 1001 (EN)	21/08/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(3910A63X)-R-LP 1003	&AG R-LP 1002 (EN)	Package-1 Piping Specialty Item List	2.0	13	LG	354	13-LG-354-00001	P	CLASS 2		IFR	IFD			04/05/2023	30/05/2023	LINDE-TRANSMIT-000385	&AGE02 R-LP 1002 (EN)	02/11/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SP 1007	&AG R-SP 1007 (EN)	Valve Specifications	4.0	13	LP	586	E3-LP-586-00007	P1	CLASS 2	08.20 - Specifications (if any other)	IFD	IFD		27/01/2023	17/02/2023	LINDE-TRANSMIT-000408	&AGE04 R-SP 1007 (EN)	05/06/2023	Code 3		Package1	Document Approved by Borouge	
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SP 1010	&AG R-SP 1010 (EN)	Reinforced Pads	2.0	13	LP	586	E3-LP-586-00010	P	CLASS 2		IFD	IFD			02/05/2023	26/05/2023	LINDE-TRANSMIT-000358	&AGE02 R-SP 1010 (EN)	27/07/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SP 1020	&AG R-SP 1020 (EN)	Gaskets	2.0	13	LP	586	E3-LP-586-00020	P	CLASS 2		IFD	IFD			01/05/2023	25/05/2023	LINDE-TRANSMIT-000354	&AGE02 R-SP 1020 (EN)	11/07/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SP 1032	&AG R-SP 1032 (EN)	Special Requirement for Valves	3.0	13	LP	586	E3-LP-586-00032	P	CLASS 2	08.20 - Specifications (if any other)	IFD	IFD	27/01/2023		17/02/2023	12/04/2023	LINDE-TRANSMIT-000163	&AGE03 R-SP 1032 (EN)	28/04/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SP 1038	&AG R-SP 1038 (EN)	Special Flanges in Pipe Classes	3.0	13	LP	586	E3-LP-586-00038	P	CLASS 2	08.20 - Specifications (if any other)	IFD	IFD		11/05/2023	17/02/2023	12/04/2023	LINDE-TRANSMIT-000164	&AGE03 R-SP 1038 (EN)	27/04/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SP 1041	&AG R-SP 1041 (EN)	Nozzles outside the limits of LS433-12 and LS491-11 Part 1 'High Pressure & Reducing-Type Steel Nozzles' acc. ASME'	3.0	13	LP	586	E3-LP-586-00041	P	CLASS 2	08.20 - Specifications (if any other)	IFD	IFD	11/05/2023		17/02/2023	12/04/2023	LINDE-TRANSMIT-000164	&AGE03 R-SP 1041 (EN)	27/04/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SS 2004	&AG R-SS 2004 (EN)	Special Branches	2.0	13	LP	586	13-LP-586-00030	P	CLASS 2	08.20 - Specifications (if any other)	IFD	IFD			16/05/2023	15/06/2023	LINDE-TRANSMIT-000443	&AGE02 R-SS 2004 (EN)	01/08/2023	Code 4		Package1	Document Approved by Borouge
Piping material engineering	LP-Piping Engineering	(3910A63X)-R-SS 2016	&AG R-SS 2016 (EN)	Special Piping Item Restriction Orifice	3.0	13	LP	586	E3-LP-586-05011	P	CLASS 2	08.20 - Specifications (if any other)	IFD	IFD			17/04/2023	31/08/2023	LINDE-TRANSMIT-000655	&AGE03 R-SS 2016 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(RQPA-0001)-K-BT 1000	&AG R-BT 1001 (EN)	Technical Bid Tabulation for Piping Bulk Items	3.0	13	LG	316	13-LG-316-00001	P1	CLASS 1	05.04 - Technical Bid Analysis	IFP	IFP			03/04/2023	31/07/2023	LINDE-TRANSMIT-000554	&AGE03 R-BT 1001 (EN)	16/08/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(RQPA-0007)-K-BT 1000	&AG R-BT 3001 (EN)	Technical Bid Tabulation for HDPE Piping Package	3.0	13	LG	316	13-LG-316-00003	P1	CLASS 1	05.04 - Technical Bid Analysis	IFP	IFP			03/04/2023	23/08/2023	LINDE-TRANSMIT-000530	&AGE03 R-BT 3001 (EN)	11/09/2023	Code 3		Package1	Document Approved by Borouge
Piping material engineering	LG-Piping / General	(RCVC-0002)-K-BT 4000	&AG R-BT 2001 (EN)	Technical Bid Tabulation for Valves	3.0	13	LG	316	13-LG-316-00002	P1	CLASS 1	05.04 - Technical Bid Analysis	IFP	IFP			31/03/2023	06/09/2023	LINDE-TRANSMIT-000581	&AGE03 R-BT 2001 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borouge
Plant layout & piping design	GG-General	(3910A63X)-L-RT 1001	&AA L-RT 1001 (EN)	Package-1 Site Survey Report – Team 1 (Piping, Civil, Structure Steel Construction)	3.0	13	GG	455	E3-GG-455-00001	L2	CLASS 4		IFD	IFD			13/02/2023	22/09/2023	LINDE-TRANSMIT-000748	&AAE03 L-RT 1001 (EN)	04/10/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-RX 1003	&AA R-LX 1003 (EN)	Package-1 Model Review MOM and Close Out Report	4.0	13	LP	357	13-LP-357-00003	P2	CLASS 2		IFD	IFD	09/03/2023		27/03/2023	27/09/2023	LINDE-TRANSMIT-000765	&AAE04 R-LX 1003 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-RX 1003	&AK A-LX 1003 (EN)	MoM – 3D Model Review and Close Out Report	1.0	13	LP	357	13-DM-451-70002	L	CLASS 2		IFD	IFD	09/03/2023		30/11/2023	30/11/2023	LINDE-TRANSMIT-000860	&AKE01 A-LX 1003 (EN)	08/05/2024	Code 2		Package1	Document Pending with Linde
Plant layout & piping design	LA-Piping / Above Ground Piping	(3910A63X)-L-ZA 371X	&AG L-ZA 3712 (EN)	Piping Arrangement Drawing For Internal Interconnection 137	1.0	37	LA	266	37-LA-266-00137	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000331	&AGE01 L-ZA 3712 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LA-Piping / Above Ground Piping	(3910A63X)-L-ZA 371X	&AG L-ZA 3711 (EN)	Piping Arrangement Drawing For Internal Interconnection 136	1.0	37	LA	266	37-LA-266-00136	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000331	&AGE01 L-ZA 3711 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 372X	&AG L-ZA 3723 (EN)	Underground Composite Drawing (048)	1.0	37	LP	266	37-LU-266-00048	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000332	&AGE01 L-ZA 3723 (EN)	11/07/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 372X	&AG L-ZA 3722 (EN)	Underground Composite Drawing (043)	1.0	37	LP	266	37-LU-266-00042	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000332	&AGE01 L-ZA 3722 (EN)	11/07/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 372X	&AG L-ZA 3721 (EN)	Underground Composite Drawing (023-02)	1.0	37	LP	266	37-LU-266-00023-02	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000332	&AGE01 L-ZA 3721 (EN)	11/07/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7001.12 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-1 of 4)	1.0	13	LP	202	13-LP-202-07001.12	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7001.12 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7002.11 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-2 of 4)	1.0	13	LP	202	13-LP-202-07002.11	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7002.11 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7002.12 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-3 of 4)	1.0	13	LP	202	13-LP-202-07002.12	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7002.12 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7003.12 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-3 of 4)	1.0	13	LP	202	13-LP-202-07003.12	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7003.12 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7004.11 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-4 of 4)	1.0	13	LP	202	13-LP-202-07004.11	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7004.11 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7004.12 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-4 of 4)	1.0	13	LP	202	13-LP-202-07004.12	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7004.12 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7201.12 (EN)	Piping Arrangement Drawing Piperack SR 72 (Part-1 of 1)	1.0	13	LP	202	13-LP-202-07201.12	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7201.12 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZA 700X	&AG L-ZA 7001.11 (EN)	Piping Arrangement Drawing Piperack SR 70 (Part-1 of 4)	1.0	13	LP	202	13-LP-202-07001-11	Q	CLASS 2		IFC	IFC			23/05/2023	23/05/2023	LINDE-TRANSMIT-000325	&AGE01 L-ZA 7001.11 (EN)	11/09/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	35 L-ZL (50140) 50140024.002 (EN)	Isometrics 35-L-ZL (50140) 50140024.002	1.0	13	LU	254	13-LP-254-35-50-PG-140024-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	35E01 L-ZL (50140) 50140024.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	35 L-ZL (1381) 1381184.001 (EN)	Isometrics 35-L-ZL (1381) 1381184.001	1.0	13	LU	254	13-LP-254-35-13-PG-81184-01	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	35E01 L-ZL (1381) 1381184.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	35 L-ZL (1381) 1381142.003 (EN)	Isometrics 35-L-ZL (1381) 1381142.003	1.0	13	LU	254	13-LP-254-35-13-PG-81142-03	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	35E01 L-ZL (1381) 1381142.003 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	35 L-ZL (1381) 1381142.002 (EN)	Isometrics 35-L-ZL (1381) 1381142.002	1.0	13	LU	254	13-LP-254-35-13-PG-81142-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	35E01 L-ZL (1381) 1381142.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	21 L-ZL (54140) 54140086.001 (EN)	Isometrics 21-L-ZL (54140) 54140086.001	1.0	13	LU	254	13-LP-254-21-54-LC-140086.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	21E01 L-ZL (54140) 54140086.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	20 L-ZL (53140) 53140497.001 (EN)	Isometrics 20-L-ZL (53140) 53140497.001	1.0	13	LU	254	13-LP-254-20-53-BW-140497.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	20E01 L-ZL (53140) 53140497.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borouge
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXX																							

Line Discipline	Customer Discipline	Line Work Product	Line Document Number	Line WP / Document Title	Line Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Line Document Status	Current Line Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Aconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (68140) 68140380.001 (EN)	Isometrics 40-L-ZL (68140) 68140380.001	1.0	13	LU	254	13-LP-254-40-68-WG-140380.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (68140) 68140380.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1372) 1372069.002 (EN)	Isometrics 40-L-ZL (1372) 1372069.002	1.0	13	LU	254	13-LP-254-40-13-PG-72069.002	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1372) 1372069.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1372) 1372069.001 (EN)	Isometrics 40-L-ZL (1372) 1372069.001	1.0	13	LU	254	13-LP-254-40-13-PG-72069.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1372) 1372069.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345076.001 (EN)	Isometrics 40-L-ZL (1345) 1345076.001	1.0	13	LU	254	13-LP-254-40-13-PG-45076.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000275	40E01 L-ZL (1345) 1345076.001 (EN)	07/07/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345075.001 (EN)	Isometrics 40-L-ZL (1345) 1345075.001	1.0	13	LU	254	13-LP-254-40-13-PG-45075.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1345) 1345075.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345024.006 (EN)	Isometrics 40-L-ZL (1345) 1345024.006	1.0	13	LU	254	13-LP-254-40-13-PG-45024-06	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1345) 1345024.006 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345024.005 (EN)	Isometrics 40-L-ZL (1345) 1345024.005	1.0	13	LU	254	13-LP-254-40-13-PG-45024-05	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1345) 1345024.005 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345024.004 (EN)	Isometrics 40-L-ZL (1345) 1345024.004	1.0	13	LU	254	13-LP-254-40-13-PG-45024-04	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1345) 1345024.004 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345024.003 (EN)	Isometrics 40-L-ZL (1345) 1345024.003	1.0	13	LU	254	13-LP-254-40-13-PG-45024-03	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000275	40E01 L-ZL (1345) 1345024.003 (EN)	07/07/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345024.002 (EN)	Isometrics 40-L-ZL (1345) 1345024.002	2.0	13	LU	254	13-LP-254-40-13-PG-45024-02	Q2	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	29/05/2023	LINDE-TRANSMIT-000377	40E02 L-ZL (1345) 1345024.002 (EN)	07/07/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	40 L-ZL (1345) 1345024.001 (EN)	Isometrics 40-L-ZL (1345) 1345024.001	1.0	13	LU	254	13-LP-254-40-13-PG-45024-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	40E01 L-ZL (1345) 1345024.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700271.001 (EN)	Isometrics 37-L-ZL (3700) 3700271.001	1.0	13	LU	254	37-LP-254-3737D-37-LS-00271.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700271.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700101.001 (EN)	Isometrics 37-L-ZL (3700) 3700101.001	1.0	13	LU	254	37-LP-254-3737D-37-UN-00101.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700101.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700096.001 (EN)	Isometrics 37-L-ZL (3700) 3700096.001	1.0	13	LU	254	37-LP-254-3737D-37-IA-00096.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700096.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700066.001 (EN)	Isometrics 37-L-ZL (3700) 3700066.001	1.0	13	LU	254	37-LP-254-3737D-37-UA-00066.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700066.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700061.001 (EN)	Isometrics 37-L-ZL (3700) 3700061.001	1.0	13	LU	254	37-LP-254-3737D-37-UW-00061.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700061.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700026.005 (EN)	Isometrics 37-L-ZL (3700) 3700026.005	1.0	13	LU	254	37-LP-254-3737D-37-UN-00026-05	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700026.005 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700021.002 (EN)	Isometrics 37-L-ZL (3700) 3700021.002	1.0	13	LU	254	37-LP-254-3737D-37-IA-00021-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700021.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (6518) 6518485.001 (EN)	Isometrics UG-L-ZL (6518) 6518485.001	1.0	13	LU	254	65-LP-254-UGUGH-65-FW-18485-01	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000295	UGE01 L-ZL (6518) 6518485.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (6518) 6518481.001 (EN)	Isometrics UG-L-ZL (6518) 6518481.001	1.0	13	LU	254	65-LP-254-UGUGH-65-FW-18481-01	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000295	UGE01 L-ZL (6518) 6518481.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (6518) 6518021.002 (EN)	Isometrics UG-L-ZL (6518) 6518021.002	1.0	13	LU	254	65-LP-254-UGUGH-65-FW-18021-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	UGE01 L-ZL (6518) 6518021.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (6518) 6518011.001 (EN)	Isometrics UG-L-ZL (6518) 6518011.001	1.0	13	LU	254	65-LP-254-UGUGH-65-FW-18011-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	UGE01 L-ZL (6518) 6518011.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (6518) 6518007.002 (EN)	Isometrics UG-L-ZL (6518) 6518007.002	1.0	13	LU	254	65-LP-254-UGUGH-65-FW-18007-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	UGE01 L-ZL (6518) 6518007.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (3700) 3700215.001 (EN)	Isometrics UG-L-ZL (3700) 3700215.001	1.0	13	LU	254	37-LP-254-UGUGF-37-SWR-00215-01	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000295	UGE01 L-ZL (3700) 3700215.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	UG L-ZL (3700) 3700018.001 (EN)	Isometrics UG-L-ZL (3700) 3700018.001	1.0	13	LU	254	37-LP-254-UGUGF-37-SWR-00018-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	UGE01 L-ZL (3700) 3700018.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	75 L-ZL (54140) 54140101.002 (EN)	Isometrics 75-L-ZL (54140) 54140101.002	1.0	13	LU	254	13-LP-254-75-54-LC-140101-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	75E01 L-ZL (54140) 54140101.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	72 L-ZL (53140) 53140472.002 (EN)	Isometrics 72-L-ZL (53140) 53140472.002	1.0	13	LU	254	13-LP-254-72-53-LS-140472-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	72E01 L-ZL (53140) 53140472.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (85140) 85140004.001 (EN)	Isometrics 70-L-ZL (85140) 85140004.001	1.0	13	LU	254	13-LP-254-70-85-PG-140004-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (85140) 85140004.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (68140) 68140379.001 (EN)	Isometrics 70-L-ZL (68140) 68140379.001	1.0	13	LU	254	13-LP-254-70-68-WG-140379.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (68140) 68140379.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (68140) 68140321.002 (EN)	Isometrics 70-L-ZL (68140) 68140321.002	1.0	13	LU	254	13-LP-254-70-68-CG-140321-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (68140) 68140321.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (68140) 68140301.005 (EN)	Isometrics 70-L-ZL (68140) 68140301.005	1.0	13	LU	254	13-LP-254-70-68-WG-140301-05	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (68140) 68140301.005 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (68140) 68140301.003 (EN)	Isometrics 70-L-ZL (68140) 68140301.003	1.0	13	LU	254	13-LP-254-70-68-WG-140301-03	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (68140) 68140301.003 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (54140) 54140434.001 (EN)	Isometrics 70-L-ZL (54140) 54140434.001	1.0	13	LU	254	13-LP-254-70-54-LC-140434.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (54140) 54140434.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (50140) 5014																						

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (50140) 50140065.001 (EN)	Isometrics 70-L-ZL (50140) 50140065.001	1.0	13	LU	254	13-LP-254-70-50-SW-140065.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (50140) 50140065.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (50140) 50140034.001 (EN)	Isometrics 70-L-ZL (50140) 50140034.001	1.0	13	LU	254	13-LP-254-70-50-SW-140034-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (50140) 50140034.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (50140) 50140028.001 (EN)	Isometrics 70-L-ZL (50140) 50140028.001	1.0	13	LU	254	13-LP-254-70-50-PW-140028-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (50140) 50140028.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (50140) 50140001.002 (EN)	Isometrics 70-L-ZL (50140) 50140001.002	1.0	13	LU	254	13-LP-254-70-50-FG-140001-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (50140) 50140001.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (50140) 50140001.001 (EN)	Isometrics 70-L-ZL (50140) 50140001.001	2.0	13	LU	254	13-LP-254-70-50-FG-140001-01	Q2	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	29/05/2023	LINDE-TRANSMIT-000377	70E02 L-ZL (50140) 50140001.001 (EN)	07/07/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	70 L-ZL (1345) 1345024.001 (EN)	Isometrics 70-L-ZL (1345) 1345024.001	1.0	13	LU	254	13-LP-254-70-13-PG-4524-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	70E01 L-ZL (1345) 1345024.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	52 L-ZL (64140) 64140148.001 (EN)	Isometrics 52-L-ZL (64140) 64140148.001	1.0	13	LU	254	13-LP-254-52-64-UN-140148-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	52E01 L-ZL (64140) 64140148.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	52 L-ZL (64140) 64140050.001 (EN)	Isometrics 52-L-ZL (64140) 64140050.001	1.0	13	LU	254	13-LP-254-52-64-UN-140050.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	52E01 L-ZL (64140) 64140050.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700005.005 (EN)	Isometrics 37-L-ZL (3700) 3700005.005	1.0	13	LU	254	37-LP-254-3737D-37-LS-00005-05	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700005.005 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700016.010 (EN)	Isometrics 37-L-ZL (3700) 3700016.010	1.0	13	LU	254	37-LP-254-3737D-37-UW-00016-10	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700016.010 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700003.006 (EN)	Isometrics 37-L-ZL (3700) 3700003.006	1.0	13	LU	254	37-LP-254-3737D-37-SY-00003-06	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700003.006 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700017.002 (EN)	Isometrics 37-L-ZL (3700) 3700017.002	1.0	13	LU	254	37-LP-254-3737D-37-UA-00017-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700017.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	37 L-ZL (3700) 3700018.001 (EN)	Isometrics 37-L-ZL (3700) 3700018.001	1.0	13	LU	254	37-LP-254-3737D-37-SY-00018.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	37E01 L-ZL (3700) 3700018.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	36 L-ZL (61140) 61140036.001 (EN)	Isometrics 36-L-ZL (61140) 61140036.001	1.0	13	LU	254	13-LP-254-36-61-SW-140036.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	36E01 L-ZL (61140) 61140036.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	36 L-ZL (61140) 61140033.001 (EN)	Isometrics 36-L-ZL (61140) 61140033.001	1.0	13	LU	254	13-LP-254-36-61-SW-140033-01	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	36E01 L-ZL (61140) 61140033.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	36 L-ZL (50140) 50140067.001 (EN)	Isometrics 36-L-ZL (50140) 50140067.001	1.0	13	LU	254	13-LP-254-36-50-PG-140067.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	36E01 L-ZL (50140) 50140067.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	35 L-ZL (50140) 50140025.002 (EN)	Isometrics 35-L-ZL (50140) 50140025.002	1.0	13	LU	254	13-LP-254-35-50-PG-140025-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	35E01 L-ZL (50140) 50140025.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	36 L-ZL (1372) 1372068.001 (EN)	Isometrics 36-L-ZL (1372) 1372068.001	1.0	13	LU	254	13-LP-254-36-13-PG-72068.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	36E01 L-ZL (1372) 1372068.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	36 L-ZL (1333) 1333003.002 (EN)	Isometrics 36-L-ZL (1333) 1333003.002	1.0	13	LU	254	13-LP-254-36-13-PG-33003-02	Q1	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	36E01 L-ZL (1333) 1333003.002 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LU-Piping / Underground Piping	(3910A63X)-L-ZL XXXX	35 L-ZL (50140) 50140068.001 (EN)	Isometrics 35-L-ZL (50140) 50140068.001	1.0	13	LU	254	13-LP-254-35-50-PG-140068.001	Q	CLASS 3	08.06 - Isometric Drawings including the existing isometrics where tie-ins are taken	IFC	IFC		15/05/2023	15/05/2023	15/05/2023	LINDE-TRANSMIT-000269	35E01 L-ZL (50140) 50140068.001 (EN)	14/06/2023	Code 4		Package1	Document Approved by Borage
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZP 1001	&AG L-ZP 1001 (EN)	PLOT PLAN GAS CRACKING PLANT EU3	3.0	13	LP	201	13-LP-201-01001	Q1	CLASS 2	08.02 - Site Plans / Plot Plans / Key Plans (Including updating of affected existing documents) including IP and TP locations layout	IFC	IFC	26/04/2023		10/04/2023	20/09/2023	LINDE-TRANSMIT-000740	&AGE03 L-ZP 1001 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borage
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZR 4301	&AG L-ZR 4301 (EN)	Package-1 IP Locations Layout	3.0	13	LP	267	13-LP-267-00003	Q1	CLASS 2		IFC	IFC		28/04/2023	20/09/2023		LINDE-TRANSMIT-000741	&AGE03 L-ZR 4301 (EN)	26/09/2023	Code 3		Package1	Document Approved by Borage
Plant layout & piping design	LP-Piping Engineering	(3910A63X)-L-ZR 4302	&AG L-ZR 4302 (EN)	IP and TP Locations Layout	2.0	13	LP	267	13-LP-267-00002	Q	CLASS 2		IFE	IFE		28/04/2023	26/05/2023		LINDE-TRANSMIT-000362	&AGE02 L-ZR 4302 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-LX 1019	&AA Q-LX 1003 (EN)	HSE Action Tracking Register	1.0	13	PH	471	13-PH-471-00001	L	CLASS 2		IFU	IFU		26/05/2023	26/05/2023		LINDE-TRANSMIT-000365	&AAE01 Q-LX 1003 (EN)	18/09/2023	Code 3		Package1	Further submission
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-PC 1002	&AA S-PC 1002 (EN)	Concept for Safety Instrumented System (SIS)	4.0	13	PH	103	13-PH-103-00002	P2	CLASS 2		IFD	IFD		19/04/2023	04/05/2023	18/12/2023	LINDE-TRANSMIT-000890	&AAE04 S-PC 1002 (EN)	21/03/2024	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-PC 1010	&AA S-PC 1010 (EN)	Emergency Shutdown (ESD) and Emergency Block-in and Depressuring System (EBDS)	3.0	13	PH	101	13-PH-101-01007	L2	CLASS 2	03.27 - I/O List (DCS, ESD, FGS, LFCP, MCMS and all packages)	IFD	IFD		19/04/2023	18/04/2023	14/07/2023	LINDE-TRANSMIT-000637	&AAE03 S-PC 1010 (EN)	22/09/2023	Code 3		Package1	Further submission will be in
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-RX 1015	&AA S-RX 1014.001 (EN)	HAZOP Close Out Form	1.0	13	PH	454	13-PH-454-00007	L	CLASS 2		IFU	IFU		26/05/2023	26/05/2023		LINDE-TRANSMIT-000365	&AAE01 S-RX 1014.001 (EN)	07/07/2023	Code 2		Package1	Further submission
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-RX 1016	&AA S-RX 1016 (EN)	Terms of Reference Tie-in HAZOP Study	2.0	13	PH	454	13-PH-454-00004	P	CLASS 2	01.04 - HAZOP / SIL (LOPA) Reports	IFD	AFD		15/03/2023	23/02/2023	02/05/2023	LINDE-TRANSMIT-000218	&AAE02 S-RX 1016 (EN)	17/05/2023	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-RX 1017	&AA S-RX 1017 (EN)	Terms of Reference Tie-in LOPA Study	2.0	13	PH	454	13-PH-454-00005	P	CLASS 2	01.04 - HAZOP / SIL (LOPA) Reports	IFD	AFD		15/03/2023	23/02/2023	02/05/2023	LINDE-TRANSMIT-000219	&AAE02 S-RX 1017 (EN)	17/05/2023	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-RX 1504	&AA S-RX 1504 (EN)	Acoustically Induced Vibration Study	2.0	13	PH	455	13-PH-455-00001	L1	CLASS 1		IFR	IFR	19/04/2023	12/05/2023	29/06/2023		LINDE-TRANSMIT-000499	&AAE02 S-RX 1504 (EN)	11/08/2023	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-RX 4000	&ARC S-RX 1015 (EN)	HAZOPILOPA Report (HAZOPILOPA of Changes)	1.0	13	PH	454	13-PH-454-00002	L	CLASS 2	01.04 - HAZOP / SIL (LOPA) Reports	IFR	IFE		02/06/2023	02/06/2023		LINDE-TRANSMIT-000402	&ARCE01 S-RX 1015 (EN)	20/09/2023	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-SX 1001	&AA S-SX 1001 (EN)	SIS Safety Requirements Specification (General Part)	1.0	13	PH	107	13-PH-107-00001	P	CLASS 2	02.10 - Specifications	IFU	IFC	19/04/2023	04/05/2023	04/05/2023		LINDE-TRANSMIT-000226	&AAE01 S-SX 1001 (EN)	22/08/2023	Code 3		Package1	Document Approved by Borage
Process and environmental safety engineering	PH-Process / Safety HSE	(3910A63X)-S-SX 1002	&AA S-SX 1002 (EN)	SIS Safety Requirements Specification (Specific Part)	2.0	13	PH	107	13-PH-107-00002	P	CLASS 2	02.10 - Specifications	IFU	IFU	19/04/2023	04/05/2023	25/05/2023		LINDE-TRANSMIT-000343	&AAE02 S-SX 1002 (EN)	04/09/2023	Code 1		Package1	Further submission
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-PC 1065	&AA A-PC 1065 (EN)	Project Controls Procedure	1.0	13	FS	103	13-FS-103-00001	L	CLASS 2	11.01 - Procedures	IFE	IFE		23/02/2023	23/02/2023		LINDE-TRANSMIT-000030	&AAE01 A-PC 1065 (EN)	20/03/2023	Code 2		Package1	Non-technical /
Project control	FG-Project Controls / General	(3910A63X)-A-RA 0001	&AA A-RA 0001.03 (EN)	Weekly Progress Report (PACKAGE 1 – Base Scope)	1.0	13	FG	453	13-FG-453-00003	L	CLASS 2	11.11 - Weekly Reports	IFE	IFE		23/05/2023	23/05/2023		LINDE-TRANSMIT-000327			Under Review		Package1	Non-technical /
Project control	FG-Project Controls / General	(3910A63X)-A-RA 0001	&AA A-RA 0001.02 (EN)	Weekly Progress Report (PACKAGE 1 – Base Scope)	1.0	13	FG	453	13-FG-453-00002	L	CLASS 2	11.11 - Weekly Reports	IFE	IFE		04/05/2023	04/05/2023		LINDE-TRANSMIT-000232			Under Review		Package1	Non-technical /
Project control	DM-Project Management	(3910A63																							

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1001	8AA A-TT 1001 (EN)	Level 3 Package 1 Project Baseline Schedule	2.0	13	FS	111	13-FS-111-00001	L	CLASS 1	11.04 / 14.02 / PC-003 - Overall Project Schedule / Time Schedule / Programme / Time Schedule / Program	IFE	IFE			24/02/2023	24/02/2023	LINDE-TRANSMIT-000078	8AAE01 A-TT 1001 (EN)	04/05/2023	Code 2		Package1	Non-technical / Procedural documentation
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1007 (EN)	Level 3 Package 1 Project Schedule - May 2023 Update	1.0	13	FS	111	13-FS-111-00007	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			08/06/2023	08/06/2023	LINDE-TRANSMIT-000423	8AAE01 A-TT 1007 (EN)	05/07/2023	Code 2		Package1	Non-technical /
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1008 (EN)	Level 3 Package 1 & 2 Project Schedule - June 2023 Update	1.0	13	FS	111	13-FS-111-00008	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			14/07/2023	14/07/2023	LINDE-TRANSMIT-000525	8AAE01 A-TT 1008 (EN)	04/09/2023	Code 2		Package1	Pending with Linde
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1009 (EN)	Level 3 Package 1 & 2 Project Schedule - July 2023 Update	1.0	13	FS	111	13-FS-111-00009	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			09/08/2023	09/08/2023	LINDE-TRANSMIT-000585	8AAE01 A-TT 1009 (EN)	04/09/2023	Code 2		Package1	Pending with Linde
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1011 (EN)	Level 3 Package 1 & 2 Project Schedule - Sep 2023 Update	1.0	13	FS	111	13-FS-111-00011	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			05/10/2023	05/10/2023	LINDE-TRANSMIT-000787	8AAE01 A-TT 1011 (EN)	06/02/2024	Code 4		Package1	Document Approved by Linde
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1003 (EN)	Project Time Schedule Package 1 - Level 3	1.0	13	FS	111	13-FS-111-00004	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			24/03/2023	24/03/2023	LINDE-TRANSMIT-000095	8AAE01 A-TT 1003 (EN)	06/04/2023	Code 2		Package1	Non-technical /
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1012 (EN)	Level 3 Package 1 & 2 Project Schedule - Oct 2023 Update	1.0	13	FS	111	13-FS-111-00012	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			01/11/2023	01/11/2023	LINDE-TRANSMIT-000836	8AAE01 A-TT 1012 (EN)	06/02/2024	Code 4		Package1	Document Approved by Linde
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1010 (EN)	Level 3 Package 1 & 2 Project Schedule - Aug 2023 Update	1.0	13	FS	111	13-FS-111-00010	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			01/09/2023	01/09/2023	LINDE-TRANSMIT-000922	8AAE01 A-TT 1010 (EN)	21/09/2023	Code 2		Package1	Pending with Linde
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1002 (EN)	Project Time Schedule Package 1 - Level 3	1.0	13	FS	111	13-FS-111-00003	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			24/02/2023	24/02/2023	LINDE-TRANSMIT-000038	8AAE01 A-TT 1002 (EN)	20/03/2023	Code 2		Package1	Non-technical /
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1004 (EN)	Project Time Schedule Package 1 - Level 3	1.0	13	FS	111	13-FS-111-00005	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			18/04/2023	18/04/2023	LINDE-TRANSMIT-000169	8AAE01 A-TT 1004 (EN)	04/05/2023	Code 2		Package1	Non-technical /
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1002	8AA A-TT 1006 (EN)	Project Time Schedule Package 1 - Level 3	1.0	13	FS	111	13-FS-111-00006	L	CLASS 2	11.03 - Time Schedule / Program	IFI	IFI			11/05/2023	11/05/2023	LINDE-TRANSMIT-000250	8AAE01 A-TT 1006 (EN)	04/07/2023	Code 2		Package1	Non-technical /
Project control	FS-Project Controls / Schedule Related	(3910A63X)-A-TT 1005	8AA A-TT 1005 (EN)	Overall Concept Schedule	1.0	13	FS	111	13-FS-111-00002	L	CLASS 1	11.06 / PC-006 - Detailed Engineering Schedule / Detailed Engineering Schedule	IFE	IFE	23/01/2023		24/02/2023	24/02/2023	LINDE-TRANSMIT-000078	8AAE01 A-TT 1005 (EN)	04/05/2023	Code 1		Package1	Non-technical / Procedural documentation
Project management	IS-Instruments / Systems	(3910A63X)-A-LD 2001	8AA A-LD 2001 (EN)	PACKAGE-1 - INTERFACE POINT (IP) REGISTER	4.0	13	IS	267	13-IS-267-00001	L3	CLASS 4	12.30 - Interface Point Registers	IFE	IFE			17/05/2023	18/01/2024	LINDE-TRANSMIT-000950	8AAE04 A-LD 2001 (EN)	08/02/2024	Code 1		Package1	Pending with Linde
Project management	DM-Project Management	(3910A63X)-A-LX 1011	8AA A-LX 1011 (EN)	Change Order Register	1.0	13	DM	317	13-DM-317-00001	L	CLASS 2	PC-027 / 11.17 - Change Orders / Change Orders	IFU	IFU			16/05/2023	16/05/2023	LINDE-TRANSMIT-000281	8AAE01 A-LX 1011 (EN)	23/08/2023	Code 2		Package1	Non-technical /
Project management	PP-Process Engineering	(3910A63X)-A-PE 1000	8AA A-SE 1001 (EN)	Project Design Basis (PDB)	1.0	13	PP	457	13-PP-457-00001	P	CLASS 1	07.08 - Design Basis Statement / Design Criteria / Basis of Design	IFE	IFE			12/05/2023	12/05/2023	LINDE-TRANSMIT-000261	8AAE01 A-SE 1001 (EN)	19/06/2023	Code 2		Package1	Further submission will be in
Project management	DM-Project Management	(3910A63X)-A-PS 1002	8AA A-PS 1002 (EN)	Project Execution Plan	3.0	13	DM	469	13-DM-469-00002	P1	CLASS 1	12.20 - Project Execution Plan	IFE	IFE	22/02/2023		22/02/2023	10/10/2023	LINDE-TRANSMIT-000797	8AAE03 A-PS 1002 (EN)	12/10/2023	Code 3		Package1	Document Approved by Linde
QHSE management	PH-Process / Safety HSE	(3910A63X)-Q-RP 1003	8AA Q-RP 1003 (EN)	HSEIA Screening Report	4.0	13	PH	471	13-PH-471-00004	P1	CLASS 2	01.07 - HSEIA Screening/ HSEIA Report/ HSEIA Dossier	IFD	IFD			06/03/2023	20/09/2023	LINDE-TRANSMIT-000750	8AAE04 Q-RP 1003 (EN)	04/10/2023	Code 3		Package1	Document Approved by Borouge
Rotating equipment engineering	MK-Mechanical / Compressors	(3910A63X)-M-SP 1000	8AA M-SP 1000 (EN)	Minimum Requirements for Contents of Vendor Documentation Compressor and Turbines	2.0	13	MK	101	13-MK-101-00001	L1	CLASS 4		IFE	IFE	15/12/2022		06/03/2023	23/02/2024	LINDE-TRANSMIT-001035	8AAE02 M-SP 1000 (EN)	26/03/2024	Code 3		Package1	Document Approved by Linde
Static equipment engineering	ME-Mechanical Engineering / Heat Exchangers	(13-HE-703)-B-DE 1120	8AA B-DE 4901 (EN)	Mechanical Data Sheet -- PSA2 Feed Gas Compressor Interstage Cooler	2.0	13	ME	572	DS-13-572-HE-703	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 4901 (EN)	24/05/2023	Code 3	13-HE-703	Package1	Document Approved by Borouge
Static equipment engineering	ME-Mechanical Engineering / Heat Exchangers	(13-HE-704)-B-DE 1120	8AA B-DE 4902 (EN)	Mechanical Data Sheet -- PSA2 Feed Gas Compressor Aftercooler	2.0	13	ME	572	DS-13-572-HE-704	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 4902 (EN)	24/05/2023	Code 3	13-HE-704	Package1	Document Approved by Borouge
Static equipment engineering	ME-Mechanical Engineering / Heat Exchangers	(13-HE-708)-B-DE 1120	8AA B-DE 4903 (EN)	Mechanical Datasheet -- PSA2 Off Gas Compressor Interstage Cooler	2.0	13	ME	572	DS-13-572-HE-708	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 4903 (EN)	24/05/2023	Code 3	13-HE-708	Package1	Document Approved by Borouge
Static equipment engineering	ME-Mechanical Engineering / Heat Exchangers	(13-HE-709)-B-DE 1120	8AA B-DE 4904 (EN)	Mechanical Data Sheet -- PSA2 Off Gas Compressor Aftercooler	2.0	13	ME	572	DS-13-572-HE-709	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000268	8AAE02 B-DE 4904 (EN)	24/05/2023	Code 3	13-HE-709	Package1	Document Approved by Borouge
Static equipment engineering	MD-Mechanical / Columns & Vessels	(13-VV-705)-B-DE 1136	8AA B-DE 4905 (EN)	Mechanical Data Sheet -- PSA2 Feed Gas Compressor 1st Stage Suction Drum	2.0	13	MD	572	DS-13-572-VV-705	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 4905 (EN)	24/05/2023	Code 3	13-VV-705	Package1	Document Approved by Borouge
Static equipment engineering	MD-Mechanical / Columns & Vessels	(13-VV-706)-B-DE 1136	8AA B-DE 4906 (EN)	Mechanical Data Sheet -- PSA2 Feed Gas Compressor 2nd Stage Suction Drum	2.0	13	MD	572	DS-13-572-VV-706	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000267	8AAE02 B-DE 4906 (EN)	24/05/2023	Code 3	13-VV-706	Package1	Document Approved by Borouge
Static equipment engineering	MD-Mechanical / Columns & Vessels	(13-VV-707)-B-DE 1136	8AA B-DE 4907 (EN)	Mechanical Data Sheet -- PSA2 Feed Gas Compressor 2nd Stage Discharge Drum	2.0	13	MD	572	DS-13-572-VV-707	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 4907 (EN)	24/05/2023	Code 3	13-VV-707	Package1	Document Approved by Borouge
Static equipment engineering	MD-Mechanical / Columns & Vessels	(13-VV-712)-B-DE 1136	8AA B-DE 4912 (EN)	Mechanical Data Sheet -- PSA2 Off Gas Buffer Drum	3.0	13	MD	572	DS-13-572-VV-712	P2	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	11/08/2023	LINDE-TRANSMIT-000597	8AAE03 B-DE 4912 (EN)	21/08/2023	Code 3	13-VV-712	Package1	Document Approved by Borouge
Static equipment engineering	MD-Mechanical / Columns & Vessels	(13-VV-713)-B-DE 1136	8AA B-DE 4908 (EN)	Mechanical Data Sheet -- PSA2 Off Gas Compressor 2nd Stage Suction Drum	2.0	13	MD	572	DS-13-572-VV-713	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 4908 (EN)	24/05/2023	Code 3	13-VV-713	Package1	Document Approved by Borouge
Static equipment engineering	MA-Mechanical / Package equipment	(3910A63X)-B-GE 1001	8AA B-GE 1001 (EN)	List of Attachment - PSA2 Unit (13-XA-710)	2.0	13	MA	106	E3-MA-106-01001	P	CLASS 1	10.16 - Material Requisition	IFR	IFR			01/02/2023	15/05/2023	LINDE-TRANSMIT-000272	8AAE02 B-GE 1001 (EN)	19/06/2023	Code 2		Package1	Further submission
Static equipment engineering	ME-Mechanical Engineering / Heat Exchangers	(50-HE-1410)-B-DE 1120	8AA B-DE 8403 (EN)	Mechanical Data Sheet -- C4 Guard Adsorber Regeneration Gas Cooler	2.0	13	ME	572	DS-50-572-HE-1410	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 8403 (EN)	24/05/2023	Code 3	50-HE-1410	Package1	Document Approved by Borouge
Static equipment engineering	MD-Mechanical / Columns & Vessels	(70-VV-1415)-B-DE 1136	8AA B-DE 9716 (EN)	Mechanical Data Sheet -- PSA2 Slop Drum	2.0	13	MD	572	DS-70-572-VV-1415	P1	CLASS 1	06.06 - Mechanical Data sheets	IFP	IFP			28/03/2023	12/05/2023	LINDE-TRANSMIT-000251	8AAE02 B-DE 9716 (EN)	24/05/2023	Code 3	70-VV-1415	Package1	Document Approved by Borouge
Steel structure engineering	CS-Civil / Construction	(3910A63X)-N-SY 100X	8AA N-SY 1002 (EN)	Structural Steel - Measurement of Unit Rates	1.0	13	CS	110	13-CS-110-00010	L	CLASS 1		IFQ	IFQ			05/04/2023	05/04/2023	LINDE-TRANSMIT-000126	8AAE01 N-SY 1002 (EN)	26/04/2023	Code 3		Package1	Further submission
Steel structure engineering	CS-Civil / Construction	(3910A63X)-N-SY 100X	8AA N-SY 1001 (EN)	Inquiry for Structural Steel - Terms of Delivery	3.0	13	CS	110	13-CS-110-00009	P	CLASS 1		IFQ	IFQ			05/04/2023	12/10/2023	LINDE-TRANSMIT-000307	8AAE03 N-SY 1001 (EN)	19/10/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-CA 1000	8AA P-CA 1001.001 (EN)	Cause and Effect Diagram	1.0	E3	PP	163	E3-PP-163-00005	L	CLASS 2	PSE-010 - Process Dynamic Stability (Avoid Cascading Effect of an Upset)	IFD	IFD			15/06/2023	15/06/2023	LINDE-TRANSMIT-000444	8AAE01 P-CA 1001.001 (EN)	04/09/2023	Code 2		Package1	Pending with Linde
Systems engineering	PP-Process Engineering	(3910A63X)-P-DF 1001.001	8AA P-DF 1001.001 (EN)	Basic Process Datasheets for new and modified Flow Sensors	3.0	13	PP	581	E3-PP-581-00024	L2	CLASS 2	02.09 - Data sheets	IFD	IFD		15/02/2023	07/03/2023	22/05/2023	LINDE-TRANSMIT-000322	8AAE03 P-DF 1001.001 (EN)	11/08/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-DL 1001.001	8AA P-DL 1001.001 (EN)	Basic Process Data Sheets for new and modified Level Sensors	2.0	13	PP	581	E3-PP-581-00025	L1	CLASS 1	02.09 - Data sheets	IFD	IFD		15/02/2023	21/02/2023	28/04/2023	LINDE-TRANSMIT-000206	8AAE02 P-DL 1001.001 (EN)	23/05/2023	Code 3		Package1	Further submission
Systems engineering	PP-Process Engineering	(3910A63X)-P-DP 1001.001	8AA P-DP 1001.001 (EN)	Instrument Basic Data Sheets for new and modified Pressure Sensors	2.0	13	PP	581	E3-PP-581-00026	L1	CLASS 2	02.09 - Data sheets	IFD	IFD		15/02/2023	07/03/2023	26/04/2023	LINDE-TRANSMIT-000193	8AAE02 P-DP 1001.001 (EN)	19/05/2023	Code 3		Package1	Further submission
Systems engineering	PP-Process Engineering	(3910A63X)-P-DQ 1001.001	8AA P-DQ 1001.001 (EN)	Basic Data Sheets for new and modified Process Sample Points and Analysers	4.0	13	PP	581	E3-PP-581-00023	L3	CLASS 1	02.09 - Data sheets	IFD	IFD		15/02/2023	20/02/2023	25/09/2023	LINDE-TRANSMIT-000307	8AAE04 P-DQ 1001.001 (EN)	26/09/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-DT 1001.001	8AA P-DT 1001.001 (EN)	Basic Process Data Sheets for new and modified Temperature Sensors	2.0	13	PP	581	E3-PP-581-00027	L1	CLASS 2	02.09 - Data sheets	IFD	IFD		15/02/2023	07/03/2023	01/05/2023	LINDE-TRANSMIT-000209	8AAE02 P-DT 1001.001 (EN)	22/05/2023	Code 3		Package1	Further submission
Systems engineering	PP-Process Engineering	(3910A63X)-P-DV 1001.001	8AA P-DV 1001.001 (EN)	Basic Specifications for new and modified Control and On/Off Valves	2.0	13	PP	581	E3-PP-581-00030	L1	CLASS 1	02.10 - Specifications	IFD	IFD		15/02/2023	20/02/2023	01/06/2023	LINDE-TRANSMIT-000397	8AAE02 P-DV 1001.001 (EN)	26/07/2023	Code 2		Package1	Further submission
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1000	8AA E3 P-FB 0124.001 (EN)	SYMBOLS AND ABBREVIATIONS X	1.0	13	PP	152	E3-PP-152-01240	L	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFD	10/02/2023		10/02/2023	10/02/2023	LINDE-TRANSMIT-000007	8AAE01 E3 P-FB 0124.001 (EN)	03/03/2023	Code 3		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	8AA E3 P-FB 0111.001 (EN)	SYMBOLS AND ABBREVIATIONS II	3.0	13	PP	152	E3-PP-152-01110	Q1	CLASS 1	02.02 / PSE-002 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-						

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0116.001 (EN)	INSTRUMENTATION TYPICALS I	3.0	13	PP	152	E3-PP-152-01160	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0116.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0123.001 (EN)	INSTRUMENTATION TYPICALS IV / H2 EXTRACTION UNIT	3.0	13	PP	152	E3-PP-152-01230	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0123.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0122.001 (EN)	SYMBOLS AND ABBREVIATIONS IX	3.0	13	PP	152	E3-PP-152-01220	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0122.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0121.001 (EN)	SYMBOLS AND ABBREVIATIONS VIII	3.0	13	PP	152	E3-PP-152-01210	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0121.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0120.001 (EN)	SYMBOLS AND ABBREVIATIONS VII	3.0	13	PP	152	E3-PP-152-01200	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0120.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0118.001 (EN)	INSTRUMENTATION TYPICALS III	3.0	13	PP	152	E3-PP-152-01180	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0118.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FB 1001	&AA E3 P-FB 0117.001 (EN)	INSTRUMENTATION TYPICALS II	3.0	13	PP	152	E3-PP-152-01170	Q1	CLASS 1	02.02 / PSE-002 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format) / Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC			10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FB 0117.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 52 P-FP 14812.001 (EN)	83 BOILER FEED WATER SYSTEM II	3.0	13	PP	152	52-PP-152-148120	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 52 P-FP 14812.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 52 P-FP 14819.001 (EN)	83 BOILER FEED WATER PREHEATER / H2 EXTRACTION UNIT	3.0	13	PP	152	52-PP-152-148190	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 52 P-FP 14819.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9905.001 (EN)	COOLING WATER	3.0	13	PP	152	37-PU-152-09905	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9905.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 61 P-FP 14303.001 (EN)	92 COOLING WATER SYSTEM III	3.0	13	PP	152	61-PP-152-143030	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 61 P-FP 14303.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 61 P-FP 14304.001 (EN)	92 COOLING WATER SYSTEM IV	3.0	13	PP	152	61-PP-152-143040	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 61 P-FP 14304.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 61 P-FP 14307.001 (EN)	92 COOLING WATER SYSTEM / H2 EXTRACTION UNIT	1.0	13	PP	152	61-PP-152-143070	L	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFD		01/05/2023	10/02/2023	10/02/2023	LINDE-TRANSMIT-000007	&AAE01 61 P-FP 14307.001 (EN)	06/03/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 66 P-FP 14604.001 (EN)	FIRE WATER DELUGE VALVE TYPICAL/H2 EXTRACTION UNIT	1.0	13	PP	152	66-PP-152-146040	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE01 66 P-FP 14604.001 (EN)	06/06/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 68 P-FP 14102.001 (EN)	90 BLOW DOWN VESSELS & ACID GAS FLARE II	3.0	13	PP	152	68-PP-152-141020	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 68 P-FP 14102.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 68 P-FP 14302.001 (EN)	90 WARM GAS FLARE SURVEY II	3.0	13	PP	152	68-PP-152-143020	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 68 P-FP 14302.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2219.001 (EN)	02 FURNACE 2 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-22190	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2219.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 65 P-FP 14415.001 (EN)	95 FIRE WATER DISTRIBUTION I / H2 EXTRACTION UNIT	3.0	13	PP	152	65-PP-152-144150	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 65 P-FP 14415.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 53 P-FP 14830.001 (EN)	80 STEAM SYSTEM / CGC TURBINE	3.0	13	PP	152	53-PP-152-148300	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 53 P-FP 14830.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2119.001 (EN)	01 FURNACE 1 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-21190	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2119.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 65 P-FP 14413.001 (EN)	95 FIRE WATER DISTRIBUTION II / H2 EXTRACTION UNIT	1.0	13	PP	152	65-PP-152-144130	L	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFD		01/05/2023	10/02/2023	10/02/2023	LINDE-TRANSMIT-000007	&AAE01 65 P-FP 14413.001 (EN)	06/03/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 1101.001 (EN)	24 FEED PRETREATMENT I	3.0	13	PP	152	13-PP-152-11010	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 1101.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 50 P-FP 14101.001 (EN)	84 FUEL GAS SYSTEM I	3.0	13	PP	152	50-PP-152-141010	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 50 P-FP 14101.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 68 P-FP 14307.001 (EN)	90 COLD GAS FLARE SURVEY I	3.0	13	PP	152	68-PP-152-143070	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 68 P-FP 14307.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2007.001 (EN)	01 FURNACE DISTRIBUTION HEADER IV	3.0	13	PP	152	13-PP-152-20070	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2007.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0201.001 (EN)	EMERGENCY SHUT DOWN SYSTEM (ESD) I	3.0	13	PP	152	E3-PP-152-02010	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FP 0201.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0202.001 (EN)	EMERGENCY SHUT DOWN SYSTEM (ESD) II	3.0	13	PP	152	E3-PP-152-02020	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FP 0202.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0206.001 (EN)	EMERGENCY BLOCK-IN & DEPRESSURIZING SYSTEM (EBDS) I	3.0	13	PP	152	E3-PP-152-02060	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FP 0206.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0501.001 (EN)	ANALYSER HOUSE I	2.0	13	PP	152	E3-PP-152-05010	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	07/04/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE02 E3 P-FP 0501.001 (EN)	10/08/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0601.001 (EN)	TRANSFER PIPING U3 / EU3 - H2 EXTRACTION UNIT	2.0	13	PP	152	E3-PP-152-06010	Q	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFD		01/05/2023	10/02/2023	07/04/2023	LINDE-TRANSMIT-000145	&AAE02 E3 P-FP 0601.001 (EN)	17/05/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0602.001 (EN)	U&O CONNECTING PIPING U3 / EU3 - H2 EXTRACTION UNIT	2.0	13	PP	152	E3-PP-152-06020	Q	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFD		01/05/2023	10/02/2023	07/04/2023	LINDE-TRANSMIT-000145	&AAE02 E3 P-FP 0602.001 (EN)	17/05/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9919.001 (EN)	WASTEWATER AND TREATED WATER	3.0	13	PP	152	37-PU-152-09919-01	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9919.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2419.001 (EN)	04 FURNACE 4 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-24190	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2419.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 65 P-FP 80011.001 (EN)	EFFLUENT TREATMENT & STORAGE TANK FARM	3.0	13	PP	152	65-PU-152-180011	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 65 P-FP 80011.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 54 P-FP 14302.001 (EN)	81 CONDENSATE COLLECTING SYSTEM VIII	3.0	13	PP	152	54-PP-152-143020	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 54 P-FP 14302.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 54 P-FP 14102.001 (EN)	81 CONDENSATE COLLECTING SYSTEM II	3.0	13	PP	152	54-PP-152-141020	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 54 P-FP 14102.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0203.001 (EN)	EMERGENCY SHUT DOWN SYSTEM (ESD) III	3.0	13	PP	152	E3-PP-152-02030	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FP 0203.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2519.001 (EN)	05 FURNACE 5 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-25190	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2519.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 3313.001 (EN)	31 CRACKED GAS COMPRESSION XIII	3.0	13	PP	152	13-PP-152-33130	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 3313.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 65 P-FP 80012.001 (EN)	UTILITY AREA & 1-BUTENE AREA	3.0	13	PP	152	65-PU-152-180012	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 65 P-FP 80012.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2319.001 (EN)	03 FURNACE 3 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-23190	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2319.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 4508.001 (EN)	41 C1/C2 SEPARATION VIII	3.0	13	PP	152	13-PP-152-45080	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 4508.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 53 P-FP 14308.001 (EN)	80 LP STEAM SURVEY I	3.0	13	PP	152	53-PP-152-143080	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 53 P-FP 14308.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9921.001 (EN)	POTABLE WATER	3.0	13	PP	152	37-PU-152-09921-01	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9921.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9903.001 (EN)	PLANT AIR / INSTRUMENT AIR / DECOKE AIR	3.0	13	PP	152	37-PU-152-09903	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9903.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 65 P-FP 14414.001 (EN)	95 FIRE WATER DISTRIBUTION III / H2 EXTRACTION UNIT	1.0	13	PP	152	65-PP-152-144140	L	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFD		01/05/2023	10/02/2023	10/02/2023	LINDE-TRANSMIT-000007	&AAE01 65 P-FP 14414.001 (EN)	06/03/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA E3 P-FP 0205.001 (EN)	EMERGENCY SHUT DOWN SYSTEM (ESD) V	3.0	13	PP	152	E3-PP-152-02050	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 E3 P-FP 0205.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2619.001 (EN)	06 FURNACE 6 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-26190	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2619.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2719.001 (EN)	07 FURNACE 7 BFW AND VHP STEAM HEADER	3.0	13	PP	152	13-PP-152-27190	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2719.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 3304.001 (EN)	31 CRACKED GAS COMPRESSION IV	3.0	13	PP	152	13-PP-152-33040	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 3304.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 4506.001 (EN)	41 C1/C2 SEPARATION VI	3.0	13	PP	152	13-PP-152-45060	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 4506.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 50 P-FP 14107.001 (EN)	86 REGENERATION SYSTEM IV	3.0	13	PP	152	50-PP-152-141070	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 50 P-FP 14107.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 50 P-FP 14106.001 (EN)	86 REGENERATION SYSTEM III	3.0	13	PP	152	50-PP-152-141060	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 50 P-FP 14106.001 (EN)	20/06/2023	Code 2 - CRS Responded by Linde		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 2004.001 (EN)	01 FURNACE DISTRIBUTION HEADER	3.0	13	PP	152	13-PP-152-20040	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 2004.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9913.001 (EN)	HP STEAM / LP STEAM / CONDENSATE / BFW	3.0	13	PP	152	37-PU-152-09913	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9913.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9911.001 (EN)	NITROGEN	3.0	13	PP	152	37-PU-152-09911	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9911.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 37 P-FP 9906.001 (EN)	DEMIN WATER, TREATED DIST. & SERVICE WATER	3.0	13	PP	152	37-PU-152-09906	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 37 P-FP 9906.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 8125.001 (EN)	59 C4 SELECTIVE HYDROGENATION XIII	3.0	13	PP	152	13-PP-152-81250	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 8125.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 8124.001 (EN)	59 C4 SELECTIVE HYDROGENATION XII	3.0	13	PP	152	13-PP-152-81240	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	10/02/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE03 13 P-FP 8124.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borage
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 7215.001 (EN)	TRANSFER PIPING U&O / EU3	1.0	13	PP	152	13-PP-152-72150	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE01 13 P-FP 7215.001 (EN)	06/06/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 7210.001 (EN)	49 PSA2 OFF GAS COMPRESSOR II	1.0	13	PP	152	13-PP-152-72100	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE01 13 P-FP 7210.001 (EN)	06/06/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 7207.001 (EN)	49 PSA2 UNIT	1.0	13	PP	152	13-PP-152-72070	Q1	CLASS 1	02.02 - Process and Instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE01 13 P-FP 7207.001 (EN)	06/06/2023	Code 2		Package1	Further submission will be in Package2

Linde Discipline	Customer Discipline	Linde Work Product	Linde Document Number	Linde WP / Document Title	Linde Issue	Unit	Customer Discipline class code	Customer Document type code	Customer Document Number	Customer rev	Customer Document Class code	Deliverable chapter	Final Linde Document Status	Current Linde Document Status	First Submission Planned Date	First Submission Forecast Date	Actual first submission	Latest Transmittal Date	Acconex TM Reference	Commented Document No.	Commented Document Received Date	Customer Review Code	Equipment Tag No.	Project Scope	Remarks
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 7202.001 (EN)	49 PSA2 FEED GAS COMPRESSOR II	1.0	13	PP	152	13-PP-152-72020	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	16/05/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE01 13 P-FP 7202.001 (EN)	06/06/2023	Code 2		Package1	Further submission will be in Package2
Systems engineering	PP-Process Engineering	(3910A63X)-P-FP 1000	&AA 13 P-FP 4510.001 (EN)	41 C1/C2 SEPARATION IX	2.0	13	PP	152	13-PP-152-45100	Q1	CLASS 1	02.02 - Process and instrument Diagrams (Incl. Vendor P&IDs in Project Format)	IFC	IFC		01/05/2023	07/04/2023	16/05/2023	LINDE-TRANSMIT-000274	&AAE02 13 P-FP 4510.001 (EN)	06/06/2023	Code 3		Package1	Document Approved by Borouge
Systems engineering	PP-Process Engineering	(3910A63X)-P-LL 1001	&AA P-LL 1001.001 (EN)	BASIC LINE LIST (For new and modified Lines in H2 Extraction Project)	6.0	13	PP	352	E3-PP-352-00006	Q4	CLASS 2		IFD	IFD			24/02/2023	16/10/2023	LINDE-TRANSMIT-000811	&AAE06 P-LL 1001.001 (EN)	16/11/2023	Code 3		Package1	Document Approved by
Systems engineering	PP-Process Engineering	(3910A63X)-P-RM 1300	&AA P-RM 1300 (EN)	External P&ID Review Meeting - Subject of Review Meeting: - P&IDs G Rev	3.0	13	PP	357	13-PP-357-00001	P1	CLASS 2		IFE	IFE	23/02/2023		06/03/2023	23/06/2023	LINDE-TRANSMIT-000466	&AAE03 P-RM 1300 (EN)	18/08/2023	Code 3		Package1	Document Approved by
Systems engineering	PP-Process Engineering	(3910A63X)-P-RM 1300	&AA P-RM 1300.001 (EN)	External PID Review meeting – Commented P&IDs	2.0	13	PP	357	13-LP-357-00002	P	CLASS 2		IFE	IFE	23/02/2023		10/03/2023	30/06/2023	LINDE-TRANSMIT-000466	&AAE02 P-RM 1300.001 (EN)	18/08/2023	Code 3		Package1	Document Approved by
Systems engineering	PP-Process Engineering	(3910A63X)-P-SX 1003	&AA P-SX 1002.001 (EN)	DCS Interlock and Sequence Description	2.0	13	PP	583	E3-PP-583-00005	L1	CLASS 2	02.06 - Process Interlock Description/Narrative	IFD	IFR			04/05/2023	19/06/2023	LINDE-TRANSMIT-000448	&AAE02 P-SX 1002.001 (EN)	31/08/2023	Code 2		Package1	Further submission