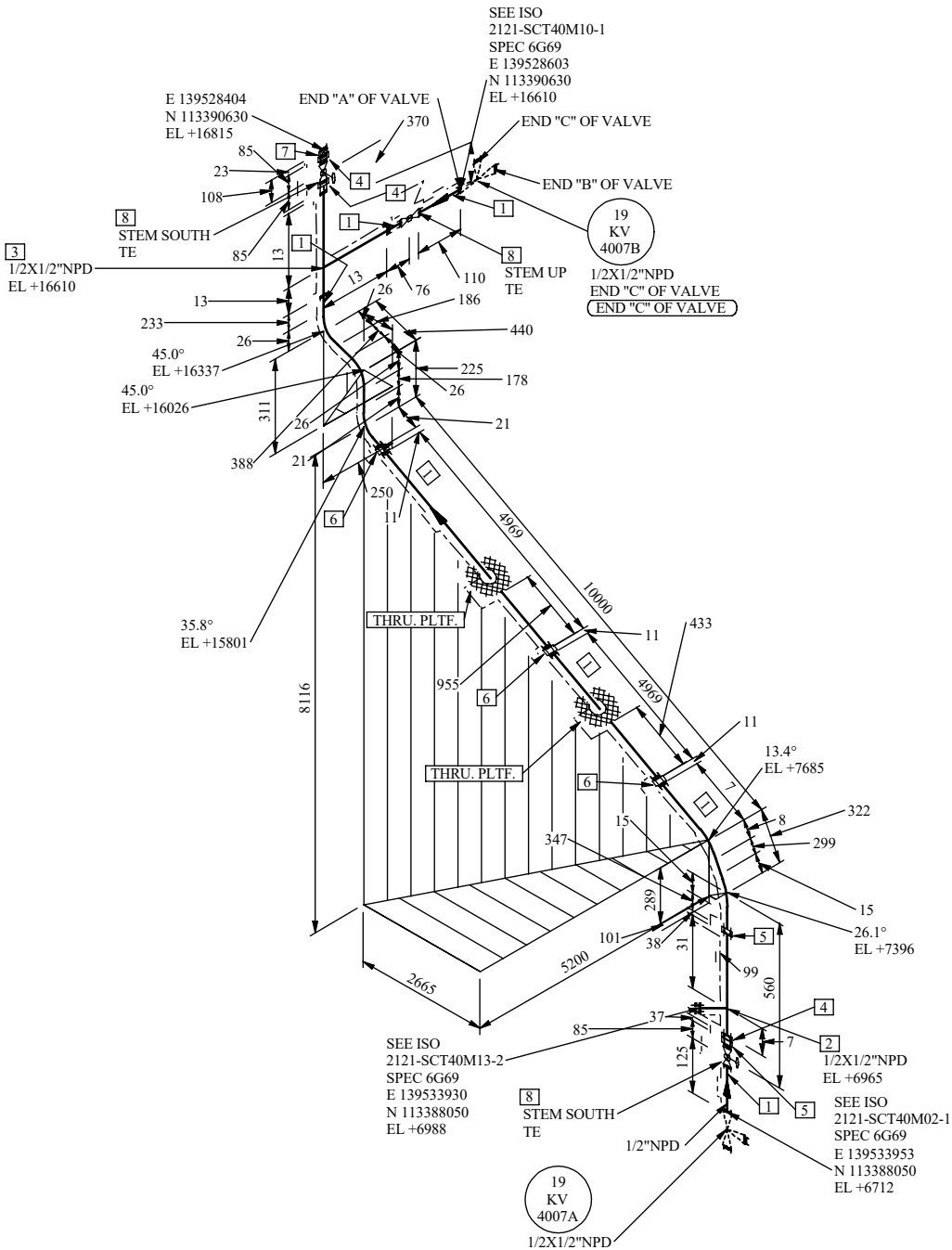


THIS DOCUMENT BELONGS TO REPSOL. IT CAN NOT BE COPIED, REPRODUCED AND/OR USED WITHOUT PREVIOUS AUTHORIZATION OF REPSOL. COMPUTERIZED DRAWING (HANDWRITING STRICTLY FORBIDDEN).

EXTR. DATE: 14-03-2024 16:03:05





STREAM NO.:4527

REV. CAUSE ID: 2



REMARKS FOR MECHANICAL SUBCONTRACTOR:

- 1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.
- 2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.
- 3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT
- 4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.
- 5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.
- 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.
- 7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.
- 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).
- 9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.

SUPPORTS LEGEND:  DENOTES PARTS LIST NO  PIPE SUPPORT  A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

02	ISSUED FOR REFERENCE	14-MAR-24	M.YADAV	P.VAZE	G.PAGANONI		STRESS CALC. N° -
01	ISSUED FOR REFERENCE	24-NOV-23	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 43
00	ISSUED FOR REFERENCE	08-SEP-23	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 4

ISSUED FOR
REFERENCE



Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

1/2"-SCT-40M13-6G69 (ET)

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	TUBE - A269-TP316/316L-DUAL GRADE PE SMLS T02ALK7Z01 0.065" tubing <N/A> (N/A)	1/2	I7062245	11.9 M	
FITTINGS					
2	45 LATERAL ASME B16.11/AA 6000# A182-F316/316L DUAL GR FTE FTE - R17ROL1M2201 Undefined <N/A> (N/A)	1/2X1/2	I63151575	1	
3	COMPR UNION TEE MFTR - A182-F316/316L DUAL GR FFRE FFRE - R64AQL1M7708 NREQD <N/A> (N/A)	1/2X1/2	I7062366	1	
4	COMPR MALE CONNECT MFTR - A182-F316/316L DUAL GR PE PE PORT CONNECTOR (SS-811-PC) OR EQUIVALENT R60AQL1MZZ26 NREQD <N/A> (N/A)	1/2	I67355609	3	
5	COMPR MALE CONNECT MFTR - A182-F316/316L DUAL GR FFRE MTE - R60AQL1M7W10 NREQD <N/A> (N/A)	1/2	I45425129	2	
6	COMPRESSION UNION MFTR - A182-F316/316L DUAL GR FFRE FFRE - R61AQL1M7708 NREQD <N/A> (N/A)	1/2	I7062328	3	
7	COMPR PLUG MFTR - A182-F316/316L DUAL GR FFRE NREQD - R68AQL1M7003 NREQD <N/A> (N/A)	1/2	I7062348	1	
VALVES / IN-LINE ITEMS					
8	COMPR BALL VALVE MFTR 6000# A182-F316/316L DUAL GR FFRE FFRE 316-CARBON/GLASS REINFORCED PTFE TRUNNION-MOUNTED OHW V70AOL1M7739 NREQD <N/A> (N/A)	1/2	I65625050	3	

PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".			
316, dual grade					
HEAT TREATMENT (PWHIT)					
-					
PAINTING SCHEME (3)		CONTRACTOR: 	CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121SCT40M13-1	PROJECT: 4001008	
NR					
PIPING CLASS		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>			
6G69					
WELDING CLASS (4)					
-					
PED CATEGORY					
Art 4.3					
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121SCT40M13-1	REV. 02
ET 30					