

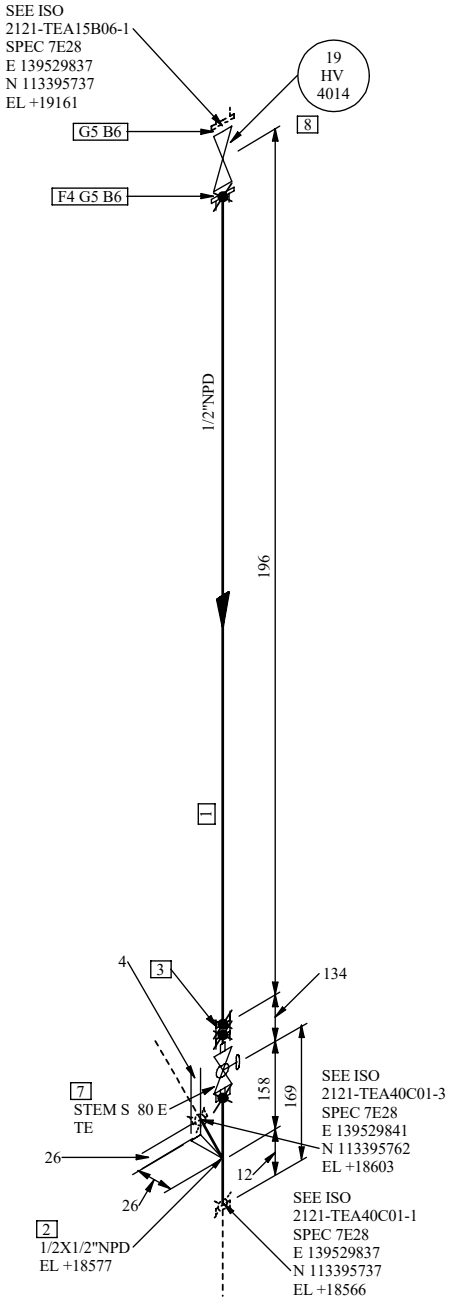
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EXTR. DATE: 28-03-2024 21:32:05

STREAM NO.:4036

REV. NO. : 10

REV. CAUSE ID: 10



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.

							STRESS CALC. N° -
01	ISSUED FOR REFERENCE	29-MAR-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 32
00	ISSUED FOR REFERENCE	21-JUL-23	U.CHAVAN	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 5

ISSUED FOR
REFERENCE



Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

1/2"-TEA-40C01-7E28

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-80S <PIPB04DA21/280S> (L-PIP110)	1/2	12257955	0.1 M	
FITTINGS					
2	45 LATERAL ASME B16.11/AA 3000# A182-F304/304L DUAL GR SWE SWE - R17RNL2A1101 Undefined <LTSB450LBK1/2> (L-LTS06)	1/2X1/2	12495873	1	
3	COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 NREQD <FCPB450LBK1/2> (L-FCP08)	1/2	12258103	1	
FLANGES					
4	SW FLANGE ASME B16.5 600# A182-F316/316L DUAL GR RFFE SWE 125 - 250 AARH F02CHL1MB105 S-80S <SWFB34D4651/280S> (L-SWF38)	1/2	13184198	1	
GASKETS					
5	SPIRAL WOUND GASKET ASME B16.20 600# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GHP1IS04 <N/A> (N/A)	1/2	11169016	2	
BOLTS					
6	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G1/231/4> - 2 NUTS PER BOLT - 80 mm Length	1/2	153437223	8	
VALVES / IN-LINE ITEMS					
7	NIPPLED BALL VALVE BS EN ISO 17292 800# A182-F316/316L DUAL GR PE PE 316/R-PTFE, GF A193-B8M CL2/8MA 3PSB-FULL BORE FLOATING BALL OHW SCH1-80S SCH2-80S LENGTH 75mm V36FIL1MZZAN NREQD <B61_2L-AL178> (L-AL178)	1/2	163522754	1	
INSTRUMENTS					
8	INSTRUMENT COMPONENT	1/2	19-HV-4014	1	

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".			
304, dual grade					
HEAT TREATMENT (PWHT)					
N					
PAINTING SCHEME (3)					
NR			CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
PIPING CLASS			4274-XH-DL-2121TEA40C01-2		4001008
7E28					
WELDING CLASS (4)		 LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX			
F-1					
PED CATEGORY					
Art 4.3					
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121TEA40C01-2	REV. 01
N 0					