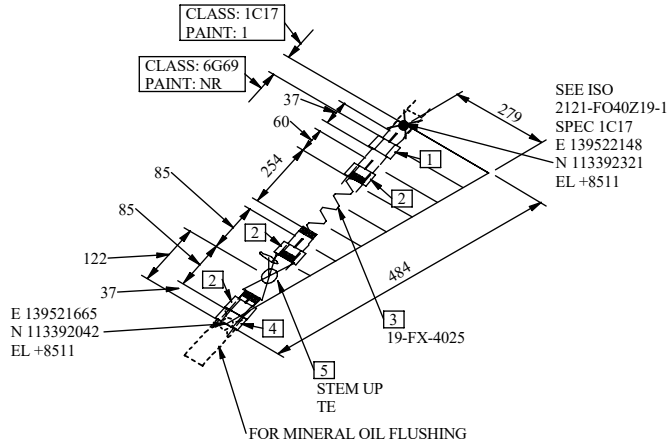


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
EXTR. DATE: 12-01-2024 11:26:05

STREAM NO.:4310 STREAM 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	12-JAN-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 51
00	ISSUED FOR REFERENCE	25-AUG-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 3

ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

1/2"-FO-40Z20-6G69

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
FITTINGS					
1	COMPR MALE CONNECT MFTR - A182-F316/316L DUAL GR FFRE PE - R60AQL1M7Z10 NREQD <N/A> (N/A)	1/2	I7062335	1	
2	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	
3	SPECIALTY COMPONENT	1/2	19-FX-4025	1	
4	COMPR MALE CONNECT MFTR - A182-F316/316L DUAL GR FFRE MTE - R60AQL1M7W10 NREQD <N/A> (N/A)	1/2	I45425129	1	
VALVES / IN-LINE ITEMS					
5	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	1	

PIPE MATERIAL

316, dual grade

HEAT TREATMENT (PWHIT)

-

PAINTING SCHEME (3)

NR

PIPING CLASS

6G69

WELDING CLASS (4)

-

PED CATEGORY

Art 4.3

INSULATION CODE / THK. (mm)

N

0

- 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".



LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX
REPSOL POLYMEROS/
SINES INDUSTRIAL COMPLEX

ANNEX 19

SPEC. L

DRAWING NUMBER
19-000-2-02-00001 sheet 2121FO40Z20-1

REV. 01