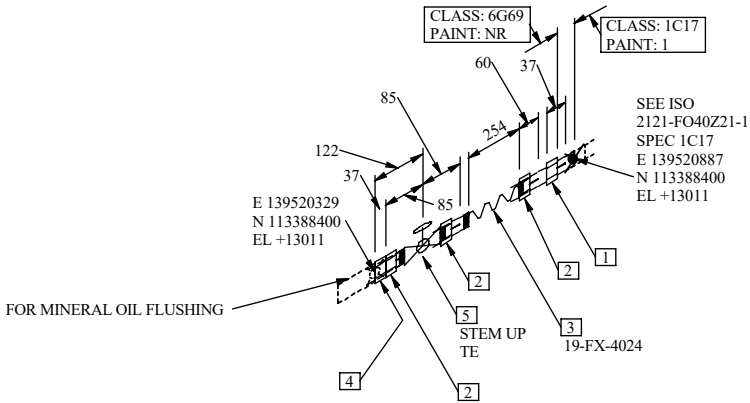






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EXTR. DATE: 12-01-2024 11:28:14

STREAM NO.:4310

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 19-L-19-000-2-00-86196 sheet 4

ISSUED FOR REFERENCE	PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.						
	316, dual grade		2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.						
	HEAT TREATMENT (PWHIT)		3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.						
	-		4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.						
Signature for construction is shown on Iso list of relevant CWA	PAINTING SCHEME (3)		CONTRACTOR:		CONTRACTOR DRAWING NUMBER:		PROJECT:		
	NR				4274-XH-DL-2121FO40Z22-1		4001008		
TITLE	PIPING CLASS								
	6G69								
	WELDING CLASS (4)		LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS						
	-		CLIENT / COMPLEX						
ISOMETRIC DRAWING LINE	PED CATEGORY				FOR PROJECT - ALBA PROJECT				
	Art 4.3		REPSOL		REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX				
	INSULATION CODE / THK. (mm)		ANNEX 19		SPEC. L		DRAWING NUMBER		REV. 01
1/2"-FO-40Z22-6G69		N 0				19-000-2-02-00001 sheet 2121FO40Z22-1			

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-4024	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	