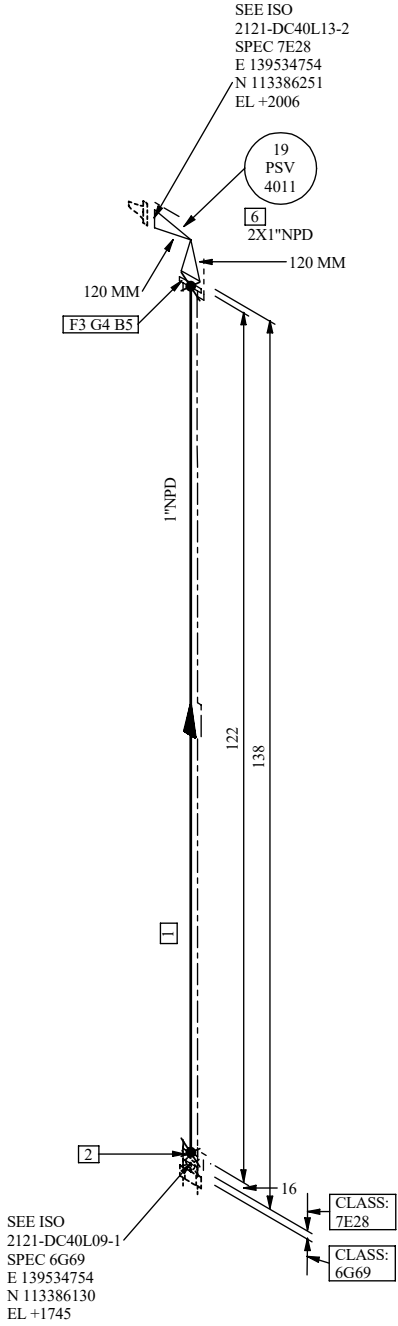







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EXTR. DATE: 19-05-2023 14:21:03

STREAM NO.:5436

REV. CAUSE ID:



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 WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.		
				G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD		
						STRESS CALC. N° -
						P & ID 19-A-19-000-1-01-00001 sheet 42
00	ISSUED FOR CONSTRUCTION	19-MAY-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-19-000-2-00-86196 sheet 1

APPROVED FOR CONSTRUCTION

Signature for construction is shown on Iso list of relevant CWA

TITLE

ISOMETRIC DRAWING LINE

2"-DC-40L13-7E28 (ET)

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 <PIPB04DA2180S> (L-PIP110)	1	I2257957	0.1 M	
FITTINGS					
2	COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 NREQD <FCPB450LBK1> (L-FCP08)	1	I2258105	1	
FLANGES					
3	SW FLANGE ASME B16.5 600# A182-F316/316L DUAL GR RFFE SWE 125 - 250 AARH F02CHL1MB105 S-80S <SWFB34D465180S> (L-SWF38)	1	I2965911	1	
GASKETS					
4	SPIRAL WOUND GASKET ASME B16.20 600# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GHP1IS04 <N/A> (N/A)	1	I1169027	1	
BOLTS					
5	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 101OB0301 <SB2R5IG5/841/4> - 2 NUTS PER BOLT - 110 mm Length	5/8	I53437270	4	
INSTRUMENTS					
6	INSTRUMENT COMPONENT	2X1	19-PSV-4011	1	