

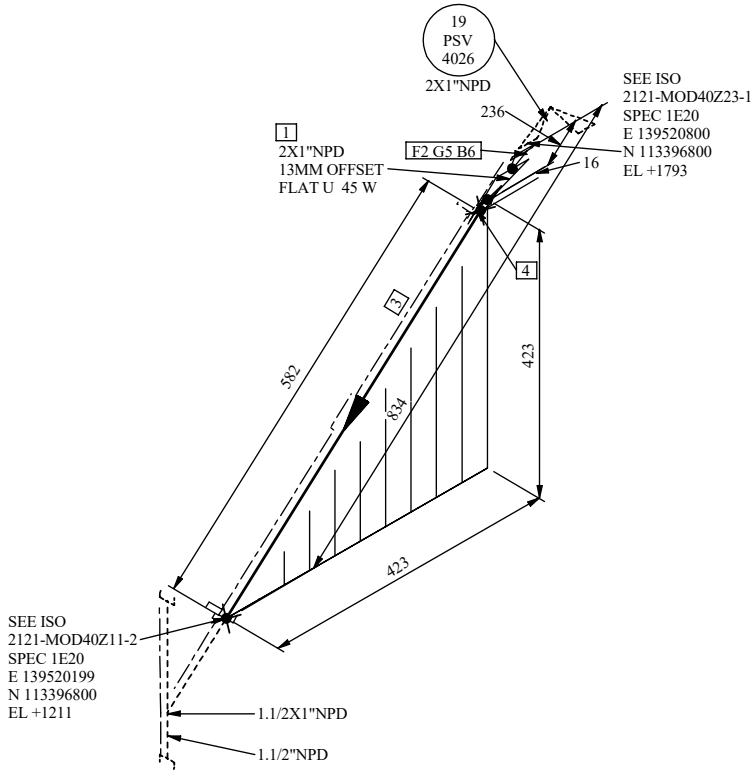
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EXTR. DATE: 19-05-2023 13:27:02

STREAM NO.:4922

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 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° -
							P & ID 19-A-19-000-1-01-00001 sheet 51
							LINE LIST N° 19-L-19-000-2-00-80602
00	ISSUED FOR CONSTRUCTION	19-MAY-23	U.CHAVAN	P.VAZE	G.PAGANONI		PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 1
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	

APPROVED FOR CONSTRUCTION

Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

2"-MOD-40Z24-1E20 (ET)

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
FITTINGS					
1	ECCENTRIC SWAGE MSS SP-95 - A234-WPB BE PE SMLS SCH1-XS SCH2-XS R22FQC04VZ01 <ESWA010GR14161216> (L-ESW27)	2X1	1920134	1	
FLANGES					
2	WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS <WNFA300R352XS> (L-236)	2	14217851	1	
PIPE					
3	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A11XS> (L-6679).	1	1132793	0.6 M	
FITTINGS					
4	COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD <FCPA300LBK1> (L-180)	1	11651677	1	
GASKETS					
5	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GFP1IS12 <N/A> (N/A)	2	163508961	1	
BOLTS					
6	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	153437440	8	

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".		
CS			
HEAT TREATMENT (P/WHIT)			
N			
PAINTING SCHEME (3)			
20	CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
PIPING CLASS		4274-XH-DL-2121MOD40Z24-1	4001008
1E20			
WELDING CLASS (4)	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX		
E			
PED CATEGORY	Art 4.3		
INSULATION CODE / THK. (mm)	ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121MOD40Z24-1
ET 30			REV. 00