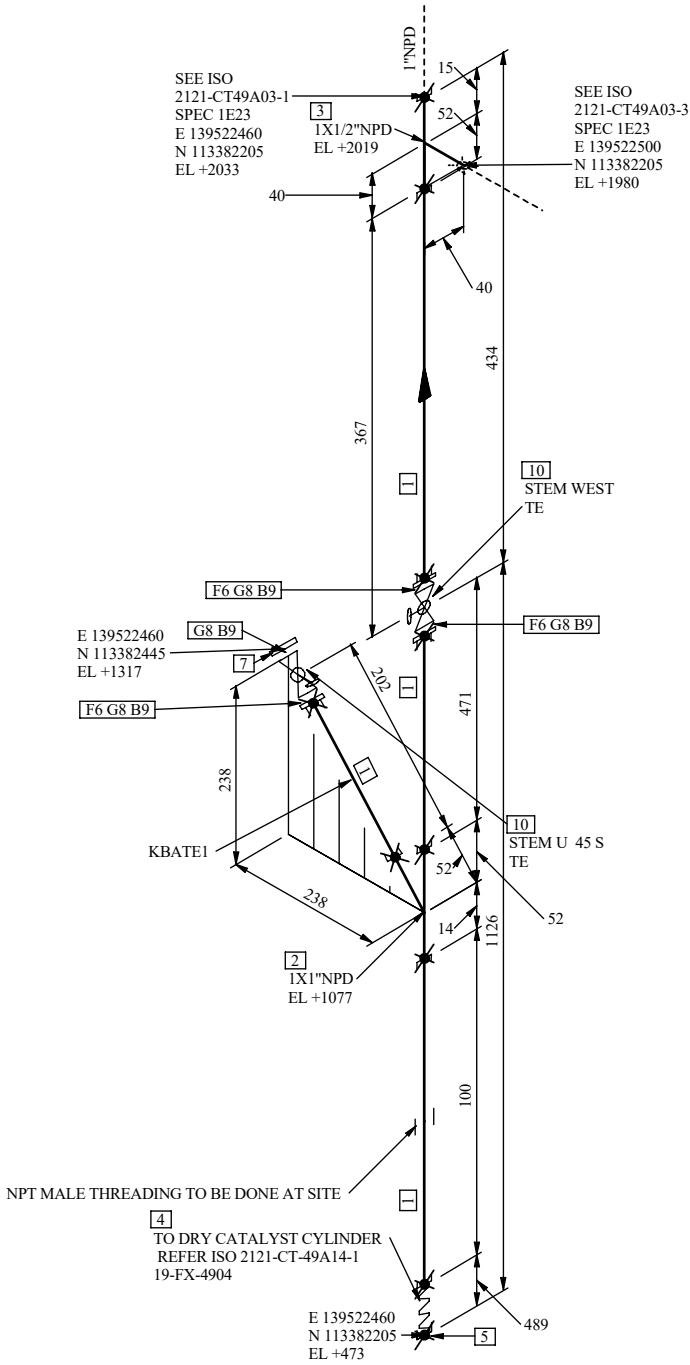


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
EXTR. DATE: 15-07-2023 16:01:57

STREAM NO.:4549

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 57
							LINE LIST N°
00	ISSUED FOR REFERENCE	14-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602
							PIPE LAYOUT N°
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 1

ISSUED FOR
REFERENCE



Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

1"-CT-49A03-1E23

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A11XS> (L-6679)	1	I132793	0.9 M	
FITTINGS					
2	45 LATERAL ASME B16.11/AA 3000# A105N SWE SWE - R17RNC441101 Undefined <L TSA300LBK1> (L-LTS03)	1X1	I11139836	1	
3	REDUCING 45 LATERAL ASME B16.11/AA 3000# A105N SWE SWE - R18RNC441101 Undefined <LR4A300LB1210> (L-LR403)	1X1/2	I63782625	1	
4	SPECIALTY COMPONENT	1	19-FX-4904	1	
5	CAP ASME B16.11 3000# A105N SWE NREQD - R41FNC441001 NREQD <CASA300LBK1> (L-181)	1	I1651682	1	
FLANGES					
6	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R351XS> (L-375)	1	I4217823	3	
7	BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 <BLFA300R351> (L-143)	1	I1652376	1	
GASKETS					
8	SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME B16.5 G03GFB11G12 <SPAQ505R3EA1> (L-SPA05)	1	I63598746	4	
BOLTS					
9	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length	5/8	I53437418	16	
VALVES / IN-LINE ITEMS					
10	BALL VALVE API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JFC29BZZG NREQD <B41L-AL084> (L-AL084)	1	I9918107	2	

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 (PWHIT)							
N							
PAINTING SCHEME (3)			CONTRACTOR:		CONTRACTOR DRAWING NUMBER:	PROJECT:	
1					4274-XH-DL-2121CT49A03-2	4001008	
PIPING CLASS							
1E23							
WELDING CLASS (4)		 LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROSES/ SINES INDUSTRIAL COMPLEX					
E-1							
PED CATEGORY							
Art 4.3							
INSULATION CODE / THK. (mm)		ANNEX 19		SPEC. L		DRAWING NUMBER 19-000-2-02-00001 sheet 2121CT49A03-2	REV. 00
N 0							