

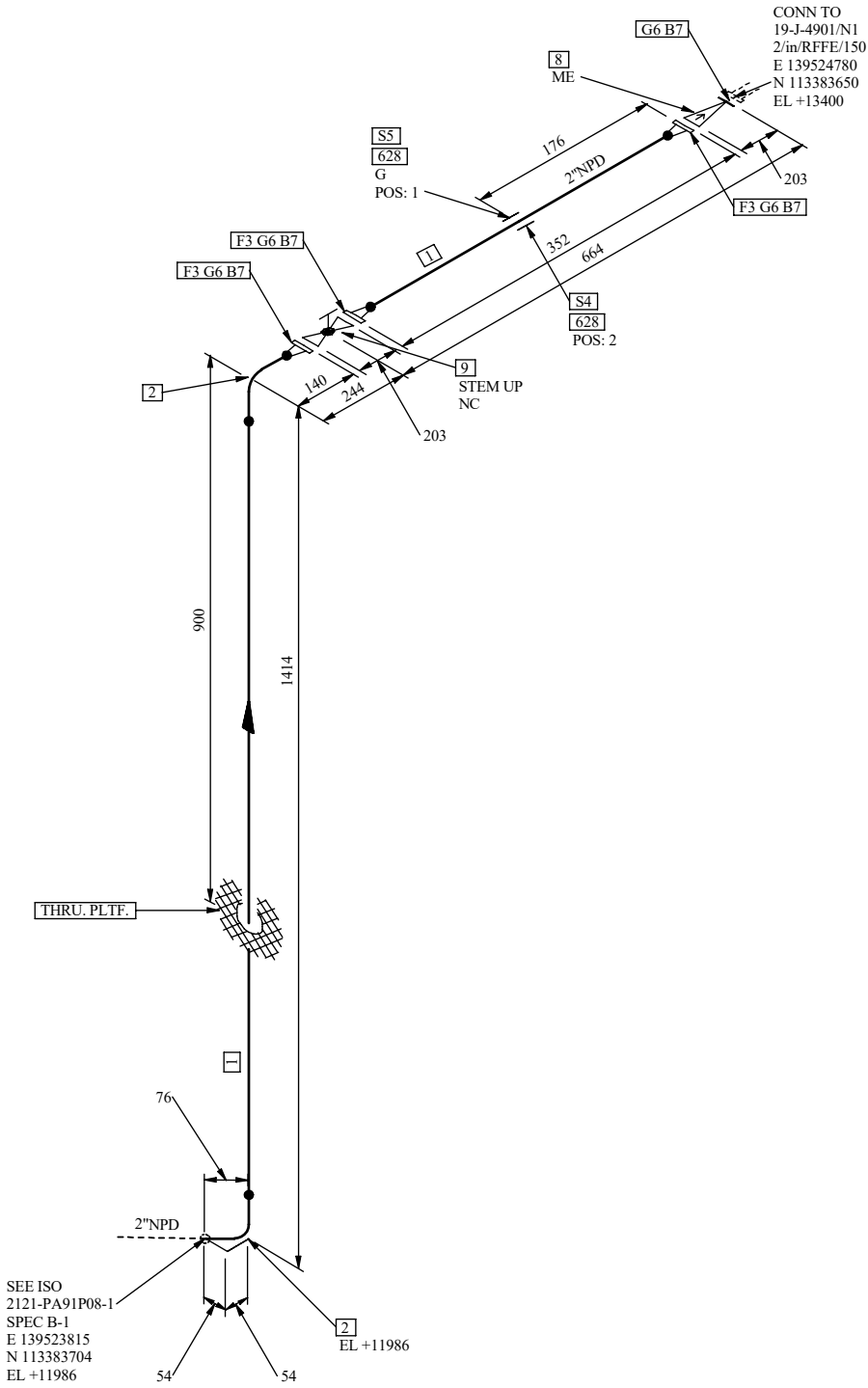
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EXTR. DATE: 03-03-2023 07:58:16

STREAM NO.: 190

REV. CAUSE ID:

REV. NO. : 7



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 112
00	ISSUED FOR CONSTRUCTION	03-MAR-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 4

APPROVED FOR
CONSTRUCTION



Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

2"-PA-91P08-B-1

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B12STD> (L-7806)	2	I117862	1.5 M	
FITTINGS					
2	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955)	2	I128529	2	
FLANGES					
3	WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R152STD> (L-149)	2	I5355795	3	
PIPE SUPPORTS					
4	STAKES SUPPORTS ST08 HEA100	2	628	1	
5	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	628	1	
GASKETS					
6	FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5 G02HDP2QR01 <NMGQ009R1FC2> (L-NMG11)	2	I1169030	4	
BOLTS					
7	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length	5/8	I53437429	16	
VALVES / IN-LINE ITEMS					
8	SWING CHECK VALVE API 594 150# A216-WCB RFFE 8-F6&HF API 594 B7/2H 125 - 250 AARH BC ASME B16.5 V21DDC29B1R NREQD <S42L-126> (L-126)	2	I2503229	1	
9	GLOBE VALVE BS 1873 150# A216-WCB RFFE 5-HARDFACED BS 1873 B7/2H 125 - 250 AARH BB-OS&Y BS 1873 HW ASME B16.5 V02BDC29B3G NREQD <A42L-125> (L-125)	2	I1974760	1	

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 (PWHT)								
N								
PAINTING SCHEME (3)		CONTRACTOR: 	CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121PA91P08-2	PROJECT: 4001008				
1								
PIPING CLASS			LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT	CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX				
B-1								
WELDING CLASS (4)								
E		ANNEX 19				SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121PA91P08-2	REV. 00
PED CATEGORY								
Art 4.3								
INSULATION CODE / THK. (mm)								
N 0								