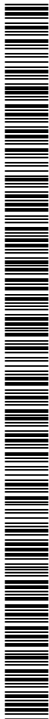
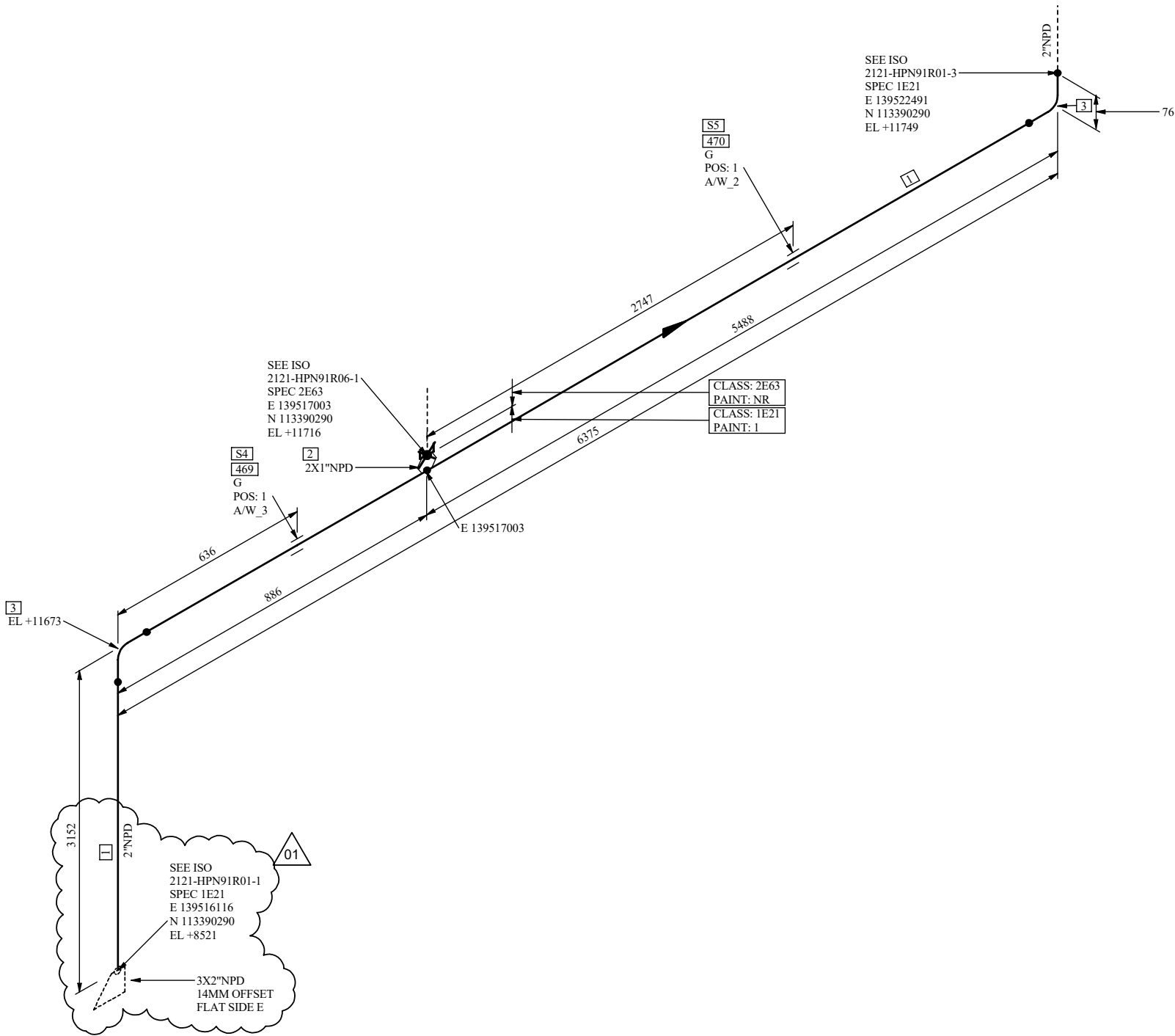


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EXTR. DATE: 17-08-2023 10:19:35

STREAM NO.:3202 STREAM REV. NO. : 10 REV. CAUSE ID: 23



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 CONSTRUCTION	17-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 114
00	ISSUED FOR CONSTRUCTION	23-DEC-22	M.YADAV	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-19-000-2-00-86197 sheet 3

APPROVED FOR CONSTRUCTION

Signature for construction is shown on Iso list of relevant CWA

TITLE
ISOMETRIC DRAWING LINE
2"-HPN-91R01-1E21

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	9.3 M	
FITTINGS					
2	REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB01412> (L-343).	2X1	I1651347	1	
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955).	2	I128529	2	
PIPE SUPPORTS					
4	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	469	1	
5	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	470	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) 1	CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:		
PIPING CLASS 1E21		4274-XH-DL-2121HPN91R01-2	4001008		
WELDING CLASS (4) E	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT				
PED CATEGORY I					
INSULATION CODE / THK. (mm) N 0		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121HPN91R01-2	
		REV. 01			