REV. CAUSE ID:

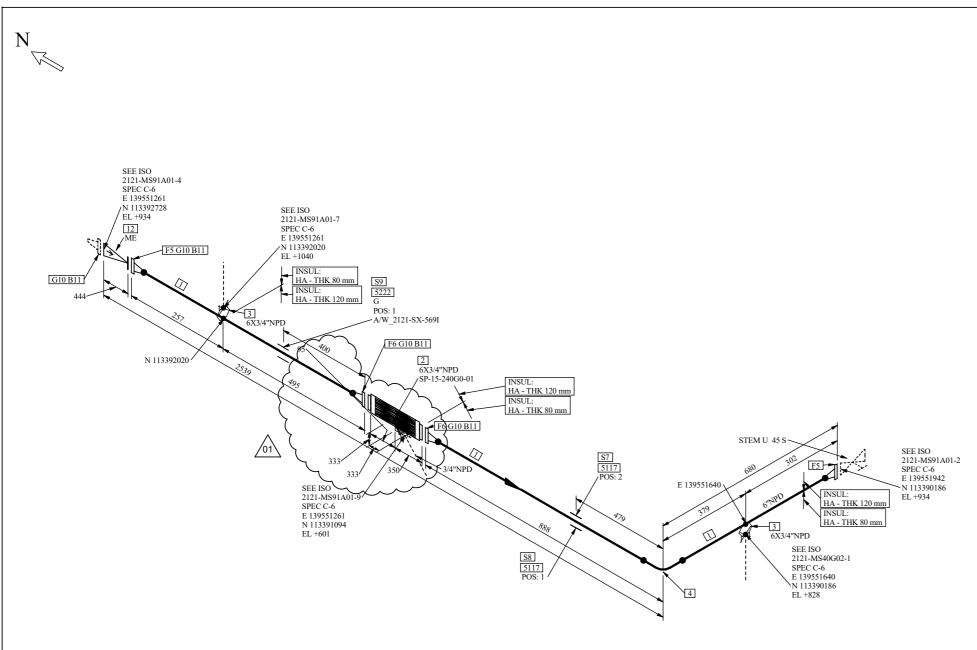
STREAM REV. NO.: 10

STREAM NO.:3140

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.



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B16STD > (L-7806) FITTINGS SP-15-240G0-01 REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD 6X3/4 11651371 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F36STD> 1128667 LANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD I4274965 <WNFA300R356STD> (L-236) WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD 14274965 <WNFA300R356STD> (L-236). PIPE SUPPORTS STAKES SUPPORTS ST09 HEA100 5117 RESTING SHOE WELDED -C1A1 H = 150 L = 300 5117 WELDED GUIDE-C1G1 H = 150 L = 300 5222 10 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAP CARBON STEEL SS 316 11256132 ASME B16.5 G03GFP1IA01 <SPWQ400R36> (L-1528) 1 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437468 <SB2R51G3/45> - 2 NUTS PER BOLT - 125 mm Length VALVES / IN-LINE ITEMS 2 SWING CHECK VALVE API 594 300# A216-WCB RFFE 8-F6&HF API 594 B7/2H 125 -I48384686 250 AARH BC ASME B16.5 V21DFC29B1R NREOD <S46L-134> (L-134)

20:=	4) FOR 5) GUS 6) CRO) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ▼, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.							
	8) ACT 9) WHI	TUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). IERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 457-0007-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019. ORTS LEGEND: Denotes paris list no PIPE ASSEMBLY NO FEA005 AND FE019. A SETING SUPPORT ASSEMBLY NO FEA005 AND FE019. A SETING SUPPORT ASSEMBLY NO FEA005 AND FE019. A SETING SUPPORT ASSEMBLY NO FEA005 AND FE019.							S
	SUPPO	ORTS LEGEND: Upenotes Paris List no Support — WHERE AWI	HOUT NUMBERING	IS INDICATED, THE	S MEANS THAT T	HERE IS A REST DII	RECTLY ON STEEL	STRUCTURE. STRESS CALC. Nº	TI
!								REP-PE-020] ,
į	01	ISSUED FOR CONSTRUCTION	12-FEB-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 117]]
	00	ISSUED FOR CONSTRUCTION	15-DEC-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-19-000-2-00-86199 sheet 1	

Signature for construction is shown on Iso list of relevant CWA

APPROVED FOR

CONSTRUCTION

PIPE MATERIAL

PIPING CLASS

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

ISOMETRIC DRAWING LINE

6"-MS-91A01-C-6 (HA)

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

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: NR

4274-XH-DL-2121MS91A01-3 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

ANNEX DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121MS91A01-3