23

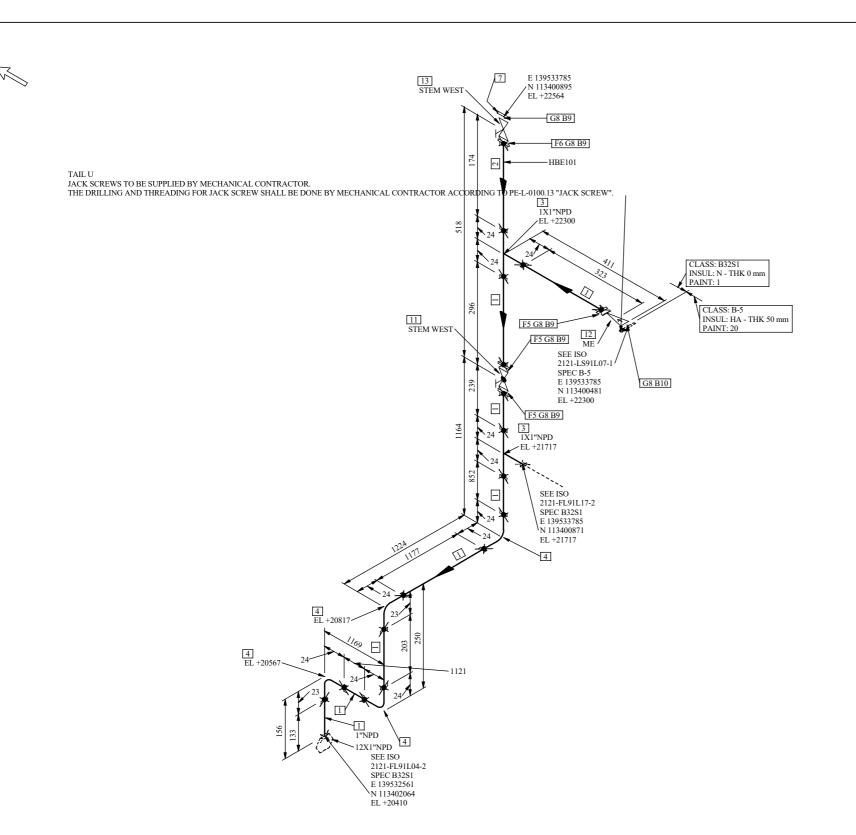
REV. CAUSE ID:

STREAM REV.

STREAM NO.:3351

REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A333-6 PE SMLS T01AC22Z02 S-XS < PIPL020A11XS > (L-PIP01) I146392 4.2 M PIPE - A333-6 PE SMLS T01AC22Z02 S-XS < PIPL020A11XS > (L-PIP01). I146392 0.2 M TEE ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R11FNC071101 NREQD I213733 90 ELBOW ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R31FNC071103 NREOD I213763 <90FL300LBK1> (L-7900) SW FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE SWE 125 - 250 AARH I820467 F02CDC07B105 S-XS <SWFL300R151XS> (L-7970) SW FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE SWE 125 - 250 AARH 1820467 F02CDC07B105 S-XS <SWFL300R151XS> (L-7970). BLIND FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE NREQD 125 - 250 AARH I560222 F10CDC07B005 <BLFL300R151> (L-7972). FLAT RING GASKET ASME B16.21 150# RFTBE NA/CARBON/NBR ASME B16.5 11655197 G02HDP2QS01 < NMGQ102R1F1 > (L-NMG17) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I010B5301 <SB2R55G1/221/2> - 2 NUTS PER BOLT - 65 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I010B5301 155704820 <SB2R55G1/223/4> - 2 NUTS PER BOLT - 70 mm Length VALVES / IN-LINE ITEMS 1 GLOBE VALVE API 602 150# A350-LF2 Class 1 RFFE 10-316 API 602 L7/7 125 -I63584685 250 AARH BB-OS&Y API 602 HW ASME BI 6 5 V02GDC07B70A NRFOD < A41L-AL036> 2 SWING CHECK VALVE BS 1868 150# A350-LF2 Class 1 RFFE 10-316 BS 1868 L7/7 163584754 125 - 250 AARH BC ASME B16.5 V21EDC07B0P6 NREQD <S41L-AL123> (L-AL123) GATE VALVE API 602 150# A350-LF2 Class 1 RFFE 10-316 API 602 L7/7 125 - 250 163584654 AARH BB-OS&Y SOW API 602 HW ASME B16.5 V01GDC07BHX1 NREOD <G41L-AL011>

41.17	3) FOR 4) FOR 5) GUS 6) CRC	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 X, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT 4) FOR EXTRA PIPE LENGTH REFER TO 4274LZ-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.							
.11 6707	9) WHE	ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).  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.  IPPORTS LEGEND:  DENOTES PARTSLIST NO PIPE — 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. Nº	T
17								-	
ij	01	ISSUED FOR REFERENCE	24-NOV-23	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 109	
. DAI	00	ISSUED FOR REFERENCE	23-JUN-2023	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
LAIN	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 5	

Signature for construction is shown on Iso list of relevant CWA

**ISSUED FOR** 

REFERENCE

ISOMETRIC DRAWING LINE

1"-FL-91L17-B32S1

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

ANNEX

CS, low temperature

INSULATION CODE / THK. (mm)

HEAT TREATMENT (PWHT)

PIPING CLASS

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"

4274-XH-DL-2121FL91L17-1

PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

B32S1 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT Art 4.3 REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121FL91L17-1

FILENAME: 19-000-2-02-00001 sheet 2121FL91L17-1.dwg