REV. CAUSE ID:

STREAM REV. NO.: 9

STREAM NO.:3250

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 - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S < PIPB04DA211/240S 1.1/2 I2257941 10.4 M (L-PIP111) REDUCING TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE -1.1/2X1 12258217 R12FNL2A1101 NREQD < RTEB450LBK11/21> (L-RTE18) ECCENTRIC SWAGE MSS SP-95 - A182-F304/304L DUAL GR PE PE SMLS SCH1-40S 1.1/2X1 158060821 SCH2-40S R22FQL2AZZ04 <ESWB04DAR13011201> (L-ESW23) REDUCING TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE 1.1/2X3/4 12258216 R12FNL2A1101 NREOD < RTEB450LBK11/23/4> (L-RTE18) 90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 I2258119 NREOD < 90FB450LBK 11/2> (L-90F05) COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 I2258107 NREQD <FCPB450LBK11/2> (L-FCP08) 45 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R32FNL2A1101 1.1/2 I2258131 NREQD <45FB450LBK11/2> (L-45F04) COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 12258105 NREQD <FCPB450LBK1> (L-FCP08) NIPPLE - - A312-TP304/304L DUAL GR PE MTE SMLS LENGTH 100mm R03AQL2CZW04 12258068 S-80S <NTOB04DE2110424> (L-NTO09) CAP ASME B16.11 3000# A182-F304/304L DUAL GR FTE NREQD - R41FNL2A2001 12259129 NREQD <CATB450KBK3/4> (L-CAT04)

	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	THELATOUTN	
EXTR.								19-L-19-000-2-00-80602 PIPE LAYOUT N°	1
DA	00	ISSUED FOR REFERENCE	28-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	
Ë						-		19-A-19-000-1-01-00001 sheet 106	4
								P&ID	15
29								-	_ T
Ş								STRESS CALC. №	TITI
SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RSTING SUPPORT G=GLIDE 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.								STRUCTURE.	
3 07		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.							Si
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).									
		3) GUSSLING DETWEEN WELDS ON PIELING SHALL NOT BE ADMITTED. (6) CROSSING BETWEEN WELDS ON PIELING SHALL NOT BE ADMITTED.							
7		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.							
		THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ${f x}$, ONE WELD FOR	R ADJUSTMENT	OF IN LINE COM	PONENT MUST	BE LEFT			
		2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.							

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR

REFERENCE

ISOMETRIC DRAWING LINE

1-1/2"-IA-91FAZ-6C4

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

CONTRACTOR:

ANNEX

PIPE MATERIAL

304, dual grade

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

PED CATEGORY

INSULATION CODE / THK. (mm)

N

NR

Art 4.3

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"

CONTRACTOR DRAWING NUMBER:

4001008 PIPING CLASS 4274-XH-DL-2121IA91FAZ-1 6C4 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL)

AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL

DRAWING NUMBER

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

PROJECT:

FILENAME: 19-000-2-02-00001 sheet 2121IA91FAZ-1.dwg

19-000-2-02-00001 sheet 2121IA91FAZ-1