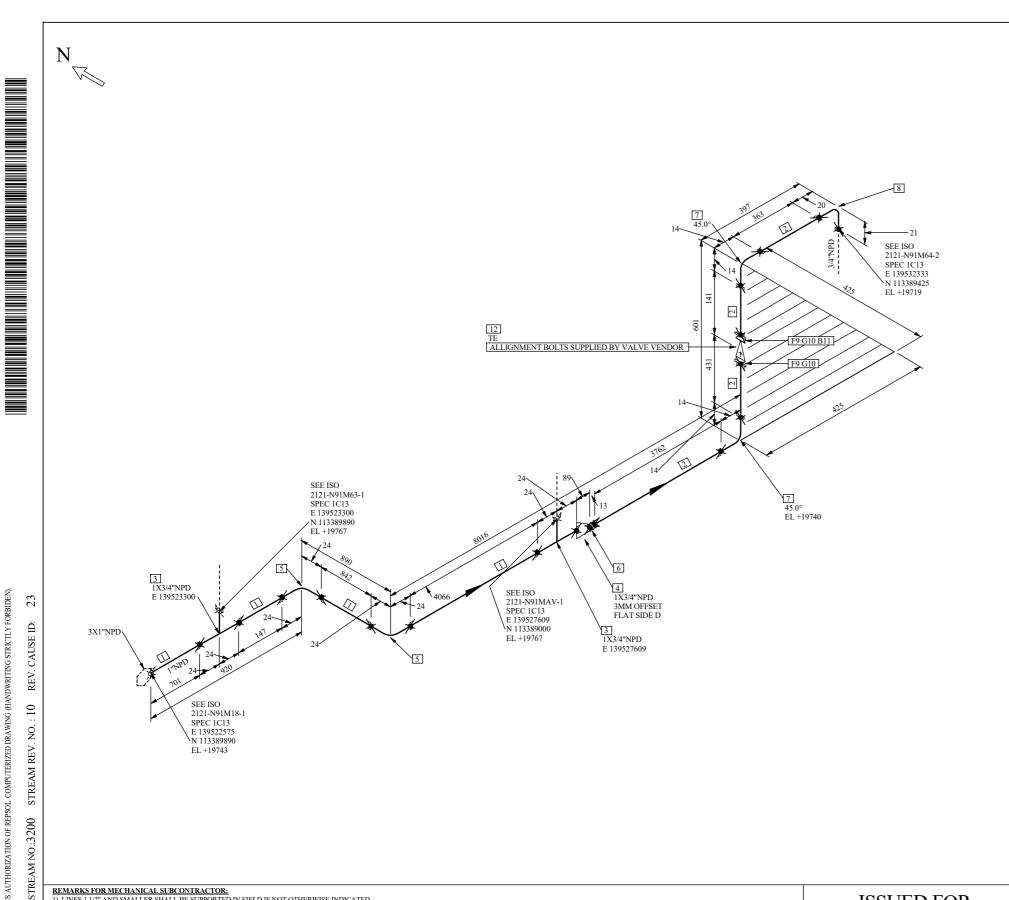
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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.

FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗ , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE STATUS QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 5.8 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 4.7 M REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD 1X3/4 I1651305 ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 1X3/4 163782597 <ESWA010AR12161116> (L-ESW31) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651296 <90FA300LBK1>(L-178) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD I1651676 <FCPA300LBK3/4> (L-180) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD I1651294 <45FA300LBK3/4> (L-184) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651298 <90FA300LBK3/4> (L-178) FLANGES SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS 15378342 <SWFA300R153/4XS> (L-295) GASKETS 0 SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3/4 12230475 B16.5 G03GDB1IG12 < SPAQ505R1EA3/4> (L-SPA04) 153437245 11 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 <SB2R51G1/231/2> - 2 NUTS PER BOLT - 90 mm Length VALVES / IN-LINE ITEMS 2 DISC CHECK WFR VALVE ASME B16.34 150# A216-WCB RFTBE 316/R-PTFE, GF 125 -I10016147 250 AARH SL VERTICAL&HORIZONTAL CRACK. PRESS. 1/2 PSI ASME B16.5 V40JDC29P01 NREQD <N/A> (N/A)

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 IT DASED ON DOC. 45-P-000-7-06-00902/4274-NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.										Si
SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.										31
									STRESS CALC. Nº	TITL
01	ISSUED FOR REFERENCE			16-FEB-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 110	
00	ISSUED FOR REFERENCE				M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
REV.	. DESCRIPTION				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

1"-N-91M64-1C13

ISSUED FOR

REFERENCE

WELDING CLASS (4) ISOMETRIC DRAWING PED CATEGORY LINE INSULATION CODE / THK. (mm)

PIPE MATERIAL

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

1C13

Art 4.3

PIPING CLASS

CS

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102

CONTRACTOR:

ANNEX

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:

4274-XH-DL-2121N91M64-1 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

PROJECT:

DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121N91M64-1