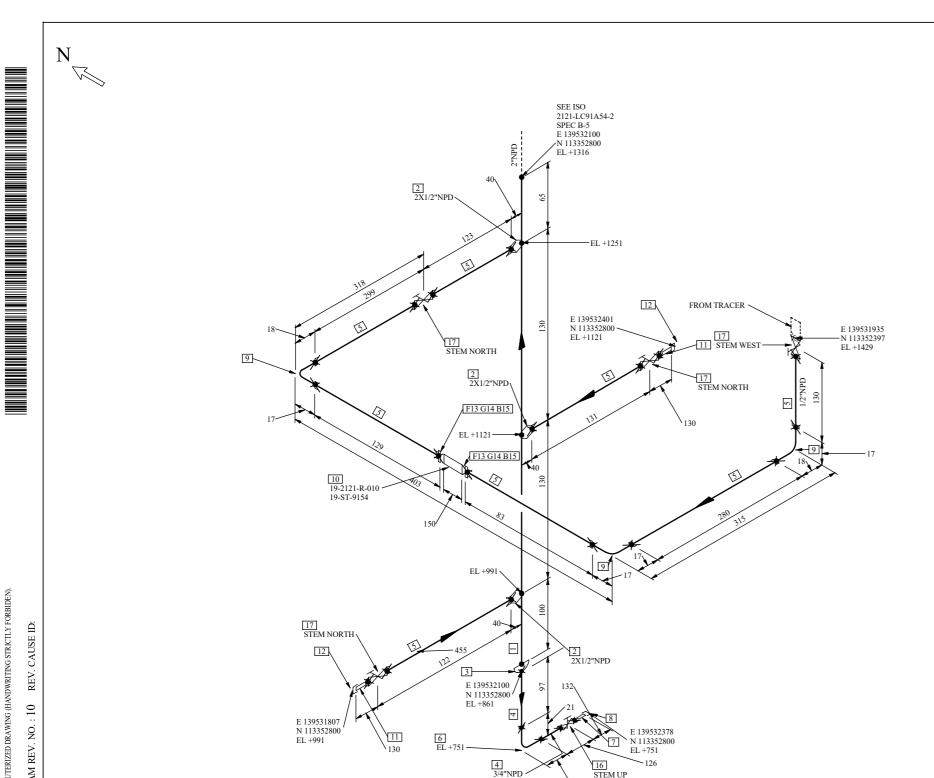
STREAM NO.:3151

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 - A106-B BE SMLS T01AC03V02 S-XS < PIPA010B12XS > (L-6679) I117863 FITTINGS REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD I1651331 <SOKA300LB01410> (L-343) I124386 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 0.2 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679) I132777 1.2 M FITTINGS 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651298 <90FA300LBK3/4>(L-178) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 I2221177 <NTOA010E1110324> (L-7881) CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK3/4> 3/4 I1651686 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREOD 11651295 0 SPECIALTY COMPONENT 19-ST-9154 1 NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 I2221167 <NTOA010E1100324> (L-7881) 2 CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK1/2> 1/2 I1651685 (L-79) FLANGES 13 SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS I5378341 <SWFA300R151/2XS> (L-295) GASKETS 14 SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 316/GRAP CARBON STEEL SS 316 11256089 ASME B16.5 G03GDP1IA01 <SPWQ400R11/2> (L-1527) I53437179 15 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 VALVES / IN-LINE ITEMS 6 GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW 3/4 I11426464 API 602 HW V01GIC441111 NREQD < G63 4L-6566> (L-6566) GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW 1/2 I11426463 API 602 HW V01GIC441111 NREQD < G61\_2L-6566> (L-6566)

4 22:28:33	2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NYS 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.								
	6) CROSSING BET WEEN WELDS ON FILEENES 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.								Si
1-202	SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE A-RESTING SUPPORT G-GLIDE 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.							TITI	
25-0								-	T.
TE:								P & ID 19-A-19-000-1-01-00001 sheet 117	16
DA	00	ISSUED FOR CONSTRUCTION	29-JAN-24	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
EXTR	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86192 sheet 1	

CONSTRUCTION Signature for construction is shown on Iso list of relevant CWA

2"-LC-91A54-B-5 (P)

APPROVED FOR

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

PIPE MATERIAL

PIPING CLASS

HEAT TREATMENT (PWHT)

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

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:

4274-XH-DL-2121LC91A54-3

LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

ANNEX

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

DRAWING NUMBER 00 19-000-2-02-00001 sheet 2121LC91A54-3

FILENAME: 19-000-2-02-00001 sheet 2121LC91A54-3.dwg