REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

SEE ISO 2121-CT49A09-1 SPEC 1C14 E 139523082 N 113389574 EL +15234 3 2X2"NPD SEE ISO 2121-CT49A06-SPEC 1C14 N 113387275 4 EL +15234 2121-CT49A07-1 SPEC 1C14 2 4X2"NPD 27MM OFFSET 3 2X2"NPD S9 141 POS: F5 G16 B17 CONN TO 4/in/RFFE/15 E 139524375 N 113381315

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B12STD > (L-7806) I117862 15.8 M ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD I128215 <EREA200F316151415> (L-7959) STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD I129100 <TEBA200F314151415> (L-6955) 90 ELBOW 10D ASME B16.9/AA A234-WPB BE SMLS C11SC04V01 S-STD I1207832 <90AA200F72STD> (L-90A09) FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD 15355796 <WNFA300R154STD> (L-149) PIPE SUPPORTS STANDARD GUIDE FOR NOT INS. PIPING-N1G1 142 VERTICAL STAKES WELDED TO STR. ST42 L80X80X10 WELDED BRACKET TO STRUCT. SB01 L80X80X10 U BOLT (FOR GUIDE)-P02D 0 WELDED BRACKET TO STRUCT. SB01 L80X80X10 11 U BOLT (FOR GUIDE)-P02D 12 STANDARD GUIDE FOR NOT INS. PIPING-N1G1 13 VERT.TRESTLES WELDED TO STR TR31 L120X120X12 138 14 VERT.TRESTLES WELDED TO STR TR31 L120X120X12 139 15 STANDARD GUIDE FOR NOT INS. PIPING-N1G1 139 GASKETS 6 SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME 4 I2230491 B16.5 G03GDB1IG12 < SPAQ505R1EA4 > (L-SPA04) 153437440 7 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length

	2) AL 3) FOI 4) FOI 5) GU	1) LINES 1.1/2 AND SMALLER SMALL 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.  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.							CONSTRUCTION
00:11 6701	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. 457-0007-706-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.  SUPPORTS LEGEND:  DENOTES PARTSLISTNO PIPE SUPPORT WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								Signature for construction is shown on Iso list of relevant CWA
;								STRESS CALC. Nº	TITLE TO A STATE OF THE STATE O
	00	ISSUED FOR CONSTRUCTION	14-APR-23	U.CHAVAN	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 57 LINE LIST N°	ISOMETRIC DRAWING LINE
	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	ADDD CLIENT	19-L-19-000-2-00-80602 PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 2	4"-CT-49A09-1C14

APPROVED FOR

PAINTING SCHEME (3) CONTRACTOR:

PIPE MATERIAL

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"

CONTRACTOR DRAWING NUMBER: PROJECT: PIPING CLASS 4001008 4274-XH-DL-2121CT49A09-2 1C14

DRAWING NUMBER

WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL INSULATION CODE / THK. (mm)

ANNEX

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

19-000-2-02-00001 sheet 2121CT49A09-2

FILENAME: 19-000-2-02-00001 sheet 2121CT49A09-2.dwg