BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY (IN) STATUS PIPE - A312-TP304/304L DUAL GR BE SMLS T01AL2CV02 S-10S < PIPB04DB2210S > I3364302 (L-PIP113). ECCENTRIC REDUCER ASME B16.9 A403-WP304/304L DG BE SMLS C22DL2FV01 S-10S 2X1.1/2 12373875 S-40S <EREB23DF314071301> (L-ERE27). 90 LR ELBOW ASME B16.9 A403-WP304/304L DG BE SMLS C01DL2FV01 S-10S 12259133 <90LB23DF3210S> (L-8052). 2121-LO40B02-4 SPEC QXB-55 45 LR ELBOW ASME B16.9 A403-WP304/304L DG BE SMLS C02DL2FV01 S-10S I2259145 <45LB23DF3210S> (L-45L28). N 113358571 WN FLANGE ASME B16 5 150# A182-F304/304L DUAL GR RF BE 125 - 250 AARH 1 1/2 12260696 F01CDL2ABV05 S-40S <WNFB450R1511/240S> (L-WNF55). SASKETS SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 316/GRAP SS 316 SS 316 ASME 1.1/2 I1176449 B16.5 G03GDP1IA10 < N/A> (N/A) BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-B8 CL2/A194-8 INCH SIZE 163615681 I01OB0901 <SB2R54G1/223/4> - 2 NUTS PER BOLT - 70 mm Length $\overline{-}$ CONN TO 19-PK-4001/TP-12 1.5/in/RFFE/150 N 113358495 F5 G6 B7 3 EL REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. PIPE MATERIAL NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. APPROVED FOR 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102 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 304, dual grade 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021 CONSTRUCTION 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. HEAT TREATMENT (PWHT) 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED. () CROSSING BETWEEN WEEDS ON THE ELING STALE 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. PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603 NR 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. Signature for construction is shown A=RESTING SUPPORT G=GUIDE F=AYAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE Δ WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. DENOTES PARTS LIST NO PIPE SUPPORT — PIPING CLASS 4001008 4274-XH-DL-2121LO40B02-5 SUPPORTS LEGEND: on Iso list of relevant CWA QXB-55 TRESS CALC. Nº WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS ISOMETRIC DRAWING REPSOL POLYMEROS/ PED CATEGORY 19-A-19-000-1-01-00001 sheet 29B FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX REPSQL LINE Art. 4.3 ISSUED FOR CONSTRUCTION 19-MAY-23 U.CHAVAN P.VAZE G.PAGANONI 19-L-19-000-2-00-80602 INSULATION CODE / THK. (mm) DRAWING NUMBER ANNEX 00 PIPE LAYOUT No 2"-LO-40B02-QXB-55 19-000-2-02-00001 sheet 2121LO40B02-5 REV. APPR. CLIENT DESCRIPTION CHECK BY APPR. BY 19-L-19-000-2-00-86192 sheet 1