BILL OF MATERIAL HOLD COMPONENT DESCRIPTION STATUS ITEM CODE PIPE - A333-6 BE SMLS T01AC22V02 S-STD < PIPL020B13STD > (L-8199) I146278 FITTINGS 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> I213645 (L-7966) 45 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C02DC09V01 S-STD <45LL210F33STD> (L-7969) FLANGES WN FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE BE 125 - 250 AARH I140827 5104 POS: 2 F01CDC07BV05 S-STD <WNFL300R153STD> (L-7971) VERTICAL STAKES WELDED TO STR. ST46 HEA100 5302 RESTING SHOE WELDED -C1A1 H = 100 L = 3005302 WELDED GUIDE-C1G1 H = 100 L = 300 5104 WELDED BRACKET TO STRUCT. SB01 L80X80X10 RESTING SHOE WELDED -C1A1 H = 100 L = 300 VERTICAL STAKES WELDED TO STR. ST42 L100X100X12 5105 VERTICAL STAKES WELDED TO STR. ST46 HEA100 5106 12 WELDED ANCHOR -C1B1 H = 100 L = 100 5106 3 VERTICAL STAKES WELDED TO STR. ST46 HEA100 5301 14 RESTING SHOE WELDED -C1A1 H = 130 L = 300 5301 F4 2121-FL91L24-1 SPEC B32S1 2121-FI 40K05-1 N 113358348 STEM NORTH E 139531817 2 EL +7847 1 TRIM TO SUIT AT SITE 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.
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT CS, low temperature 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 Signature for construction is shown 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. DENOTES PARTS LIST NO PIPE SUPPORT — PIPING CLASS 4001008 4274-XH-DL-2121FL40K05-2 on Iso list of relevant CWA SUPPORTS LEGEND: B32S1 TRESS CALC. N WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) REP-PE-102 ISSUED FOR CONSTRUCTION U.CHAVAN P.VAZE G PAGANONI CLIENT / COMPLEX 08-SEP-23 AND POLYPROPYLENE (PP) PLANTS ISOMETRIC DRAWING REPSOL POLYMEROS/ ISSUED FOR CONSTRUCTION 13-JUL-23 U.CHAVAN P.VAZE G.PAGANONI PED CATEGORY 19-A-19-000-1-01-00001 sheet 41 FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX LINE REPSQL ISSUED FOR CONSTRUCTION 20-JAN-23 U.CHAVAN P.VAZE G.PAGANONI 19-L-19-000-2-00-80602 INSULATION CODE / THK. (mm) DRAWING NUMBER ANNEX PIPE LAYOUT Nº 3"-FL-40K05-B32S1 19-000-2-02-00001 sheet 2121FL40K05-2 CHECK BY REV DESCRIPTION APPR. BY 19-L-19-000-2-00-86192 sheet 2