REV. CAUSE ID:

STREAM REV. NO.: 7

STREAM NO.:4400

2121-VA40E02-2 SPEC B32S1 E 139531945 -10MM WEEP HOLE 3X2"NPD 14MM OFFSET F4 G8 B9 19 PSV 4006 SEE ISO 2121-VG40E02-2 SPEC 2E63 E 139531101 N 113390281 REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. APPROVED FOR 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 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. 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION STATUS ITEM CODE QTY (IN) PIPE - A333-6 BE SMLS T01AC22V02 S-STD < PIPL020B13STD > (L-8199). I146278 FITTINGS ECCENTRIC REDUCER ASME B16.9 A420-WPL6 BE SMLS C22DC09V01 S-STD S-STD I213207 <EREL210F315151415> (L-8238) 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966). FLANGES WN FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE BE 125 - 250 AARH I140779 F01CDC07BV05 S-STD <WNFL300R152STD> (L-7971) GUIDE AND STOP HORIZ VERT SUPPORT-N1B1 13 STAKES SUPPORTS ST01 HEA140 13 PIPING SUPPORT - BEAMS- BE03 HEA160 ASKETS FLAT RING GASKET ASME B16.21 150# RFTBE NA/CARBON/NBR ASME B16.5 I1169081 G02HDP2OS01 < NMGO102R1F2> (L-NMG17) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I010B5301 155705048 <SB2R55G5/831/2> - 2 NUTS PER BOLT - 85 mm Length PIPE MATERIAL NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102 CS, low temperature 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021 HEAT TREATMENT (PWHT) 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: PIPING CLASS 4001008 4274-XH-DL-2121VA40E02-1 B32S1 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS REPSOL POLYMEROS/ PED CATEGORY FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX REPSQL Art 4.3 INSULATION CODE / THK. (mm) DRAWING NUMBER ANNEX 00 19-000-2-02-00001 sheet 2121VA40E02-1

on Iso list of relevant CWA ISOMETRIC DRAWING LINE 3"-VA-40E02-B32S1