STREAM REV. NO.: 7

STREAM NO.:4402

REV.

S9 148 POS: 1 O/S_N A/W_67 N 113382192 END COMPONENT CUT OPEN END TO 45 DEG TO ATMOSPHERE S6 146 POS: 1 O/S_N A/W_65 ORIENT NORTH, NO BTM PLT S4 144 POS: 1 O/S_N SEE ISO 2121-VA40Y02-2 SPEC 1C17 E 139531275

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE STATUS (IN) PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B12STD > (L-7806) I117862 19.5 M FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> I128529 (L-7955) 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955). PIPE SUPPORTS U BOLT (FOR GUIDE)-P02D U BOLT (FOR GUIDE)-P02D 145 U BOLT (FOR GUIDE)-P02D STOP HORIZ VERT FOR NOT INS. PIPING-N1F1 147 U BOLT (FOR GUIDE)-P02D 147 U BOLT (FOR GUIDE)-P02D 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 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: Signature for construction is shown PIPING CLASS 4001008 4274-XH-DL-2121VA40Y02-3 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 Art 4.3 REPSQL INSULATION CODE / THK. (mm) DRAWING NUMBER ANNEX 00 19-000-2-02-00001 sheet 2121VA40Y02-3

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.
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).

2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

ISSUED FOR CONSTRUCTION

A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE \overline{A} WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. SUPPORTS LEGEND:

STRESS CALC. Nº 19-A-19-000-1-01-00001 sheet 50 03-MAR-23 U.CHAVAN P.VAZE G.PAGANONI 19-L-19-000-2-00-80602 PIPE LAYOUT Nº 2"-VA-40Y02-1C17

APPR. BY

19-L-19-000-2-00-86196 sheet 7

CHECK BY

ISOMETRIC DRAWING LINE

on Iso list of relevant CWA

APPROVED FOR

CONSTRUCTION

FILENAME: 19-000-2-02-00001 sheet 2121VA40Y02-3.dwg