REV. CAUSE ID:

STREAM NO.:4550

STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437440 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length VALVES / IN-LINE ITEMS 0 BALL VALVE API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH I9918106 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JFC29BZZG NRFOD EL +22054 <B43 4L-AL084> (L-AL084) INSTRUMENTS 11 INSTRUMENT COMPONENT 19-PI-4070 SEE ISO 2121-CT40U05-2 N 11338796 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. **ISSUED 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 CS 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021 REFERENCE 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 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 □ DENOTES PARTS LIST NO PIPE SUPPORT — 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. PIPING CLASS 4001008 4274-XH-DL-2121CT40U05-3 SUPPORTS LEGEND: on Iso list of relevant CWA 1E64 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 49 FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX LINE Art 4.3 REPSQL ISSUED FOR REFERENCE 07-JUL-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 3/4"-CT-40U05-1E64 19-000-2-02-00001 sheet 2121CT40U05-3 REV. APPR. CLIENT DESCRIPTION CHECK BY APPR. BY 19-L-19-000-2-00-86196 sheet 6 FILENAME: 19-000-2-02-00001 sheet 2121CT40U05-3.dwg

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY (IN) STATUS FITTINGS STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-XS 3/4X3/4 I128989 <TEBA200F311161116> (L-7940) E 139531028 N 113387967 WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 19805754 WN FLANGE ASME B16.5 600# A105N RFFE BE 125 - 250 AARH F01CHC44BV05 S-XS 110088314 <WNFA3004653/4XS> (L-248) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 0.2 M F2 G6 B8 BLIND FLANGE ASME B16.5 300# A105N RFFE NREOD 125 - 250 AARH F10CFC44B005 11652375 <BLFA300R353/4> (L-143) SASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3/4 I63598745 B16.5 G03GFB1IG12 < SPAQ505R3EA3/4> (L-SPA05) 11 SPIRAL WOUND GASKET ASME B16.20 600# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3/4 163462935 B16.5 G03GHB1IG12 < SPAQ50546EA3/4> (L-SPA03) N 113387967 EL +22150 BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437418 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length