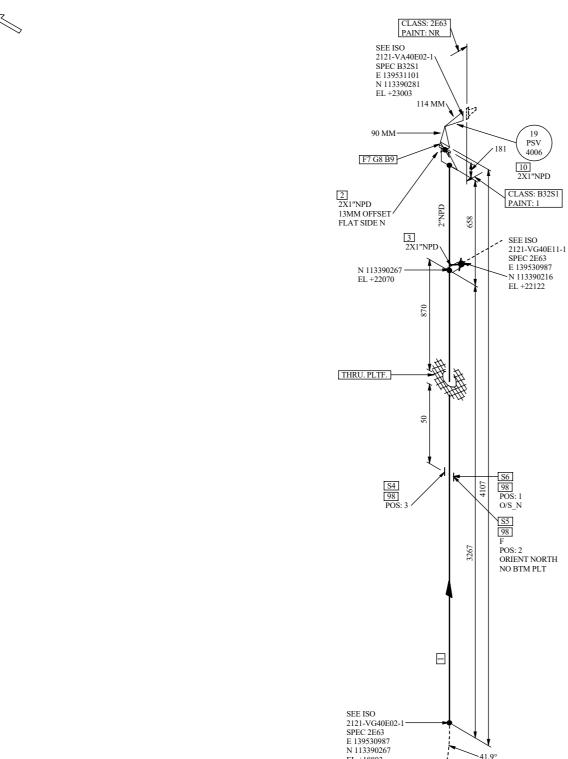
REV. CAUSE ID:

STREAM REV. NO.: 7

STREAM NO.:4554



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS A312-TP304/304L DUAL GR BUTTWELDED SMLS INTERNAL SURFACE ECCENTRIC SWAGE MSS SP-95 - A403-WP304/304L DG BE PE SMLS SCH1-STD SCH2-40S 2X1 I64580317 R22FQL2FVZPN <ESWB04DGR14151201> (L-ESW20) RED 45 LATROLET MSS SP-97/AA 3000# A182-F304/304L DUAL GR BE SWE - $^{\circ}$ R19HNL2AV101 Undefined < LASB450LB01412 > (L-LAS05) PIPE SUPPORTS WELDED BRACKET TO STRUCT. SB02 L80X80X10 STOP HORIZ VERT FOR NOT INS. PIPING-N1F1 FLANGES SW FLANGE ASME B16.5 300# A182-F316/316L DUAL GR RFFE SWE 125 - 250 AARH I2500941 F02CFL1MB105 S-40S <SWFB34DR35140S> (L-SWF37) SASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/PTFE SS 304 SS 304 ASME I219568 B16.5 G03GFP1IG04 < N/A > (N/A) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I010B5301 155704889 <SB2R55G5/841/4> - 2 NUTS PER BOLT - 110 mm Length

> Authorized for Construction utorizado para la Construcción

CONSTRUCTION Signature for construction is shown on Iso list of relevant CWA

APPROVED FOR

PIPING CLASS

HEAT TREATMENT (PWHT) PAINTING SCHEME (3) CONTRACTOR: NR

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102

3. WELDING ACCORDING TO 45-L-45-000-2-00-80021

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

CONTRACTOR DRAWING NUMBER:

19-PSV-4006

4274-XH-DL-2121VG40E02-2 2E63 WELDING CLASS (4) PED CATEGORY REPSQL

ANNEX

LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

PROJECT:

ISOMETRIC DRAWING LINE INSULATION CODE / THK. (mm)

FILENAME: 19-000-2-02-00001 sheet 2121VG40E02-2.dwg

ISSUED FOR CONSTRUCTION REV.

SUPPORTS LEGEND:

DRAWING NUMBER

0 INSTRUMENT COMPONENT

INSTRUMENTS

PIPE MATERIAL

CS, low temperature

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

23-DEC-22

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.

DESCRIPTION

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.

8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603 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. TRESS CALC. No F.CARRA' ISSUED FOR CONSTRUCTION - SITE REVISON 16-05-202 M.PECILE M.PECILE 19-A-19-000-1-01-00001 sheet 35

U.CHAVAN

P.VAZE

CHECK BY

G.PAGANONI

APPR. BY

19-L-19-000-2-00-80602

19-L-19-000-2-00-86197 sheet 6

PIPE LAYOUT No

APPR. CLIENT

2"-VG-40E02-2E63

19-000-2-02-00001 sheet 2121VG40E02-2