REV.

SUPPORTS LEGEND:

ISSUED FOR REFERENCE

ISSUED FOR REFERENCE

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED

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

DENOTES PARTS LIST NO PIPE A RESTING SUPPORT G = GUIDE F = AVAIL STOP B = ANCHOR M = SPRING S = TIFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

08-DEC-23

12-MAY-23

M.YADAV

U.CHAVAN

G.PAGANONI

G.PAGANONI

APPR. BY

P.VAZE

P.VAZE

CHECK BY

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.

() 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

FITTINGS LANGES GASKETS ALLIGNMENT BOLTS SUPPLIED BY VALVE VENDOR

BILL OF MATERIAL HOLD. COMPONENT DESCRIPTION ITEM CODE QTY STATUS PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK11/2> 1.1/2X1.1/2 I1651302 ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 <ESWA010AR13161216> (L-ESW31) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD I1651677 <FCPA300LBK1> (L-180) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREOD I1651296 SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS I4217823 <SWFA300R351XS>(L-375) SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS I5378343 <SWFA300R151XS> (L-295) SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME 1 I2230476 B16.5 G03GDB1IG12 < SPAQ505R1EA1 > (L-SPA04) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437245 <SB2R51G1/231/2> - 2 NUTS PER BOLT - 90 mm Length ALVES / IN-LINE ITEMS DISC CHECK WFR VALVE ASME B16.34 150# A216-WCB RFTBE 316/R-PTFE, GF 125 -110016148 250 AARH SL VERTICAL&HORIZONTAL CRACK. PRESS. 1/2 PSI ASME B16.5

SEE ISO 7111-N91M19-1 SPEC 1C13 E 139513200 N 113402185 EL +7517 SEE ISO 7107 TM FL 7M FL	1.1/2"NPD 1.1/2"NPD 1.1/2"NPD 1.1/2X1"NPD 1.1/2X1"NPD 1.1/2X1"NPD 1.1/2X1"NPD 7MM OFFSET FLAT SIDE D 1.1/2X1.1/2"NPD EL +5024 SEE ISO 2121-N41B04-1 SPEC ICI3 E 139519353 N 113400884 EL +5057
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ISSUED FOR CS REFERENCE HEAT TREATMENT (PWHT) PAINTING SCHEME (3) Signature for construction is shown PIPING CLASS on Iso list of relevant CWA WELDING CLASS (4)

PIPE MATERIAL

V40JDC29P01 NREQD <N/A> (N/A)

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"

4274-XH-DL-2121N91M19-1

CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

ISOMETRIC DRAWING LINE

1-1/2"-N-91M19-1C13

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

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

Art 4.3 REPSQL INSULATION CODE / THK. (mm) DRAWING NUMBER ANNEX 01 19-000-2-02-00001 sheet 2121N91M19-1

TRESS CALC. Nº

PIPE LAYOUT No

APPR. CLIENT

19-A-19-000-1-01-00001 sheet 110

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

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