SUPPORTS LEGEND: 12-01-

REV

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

I] DENOTES PARTS LIST NO PIPE SUPPORT —

CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED

ISSUED FOR REFERENCE

ISSUED FOR REFERENCE

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

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

(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-0000060)

E 139526269 /N 113383389 F11 G13 B14 -HTF102 SEE ISO 2121-ET40A07-4 SPEC 1E21 E 13952626 1 1/2Y3/4"NPD N 113383650 STEM NORTH FLAT SIDE S 1.1/2X1.1/2"NPD E 139518647 15 STEM EAST -HDA702 SEE ISO 2121-HPN40A02-2 EL +5547 N 113386412 SEE ISO 2121-HPN40A02-SPEC 1E21 1.1/2"NPD N 113386412

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.

P.VAZE

P.VAZE

CHECK BY

G.PAGANONI

G.PAGANONI

APPR. BY

12-JAN-24

07-APR-23

M.YADAV

U.CHAVAN

TRESS CALC. No

PIPE LAYOUT No

APPR. CLIENT

19-A-19-000-1-01-00001 sheet 28

19-L-19-000-2-00-86196 sheet 3

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

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE (IN) STATUS PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A111/2XS> (L-6679) 1.1/2 I132809 17.0 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 0.3 M TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK11/2> 1.1/2X1.1/2 I1651302 REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREOD 1.1/2X3/4 I1651306 <RTEA300KBK11/23/4> (L-RTE15) ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 1.1/2X3/4 163782608 <ESWA010AR13161116> (L-ESW31) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651297 <90FA300LBK11/2> (L-178) I1651679 COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD 1.1/2<FCPA300LBK11/2> (L-180) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651298 <90FA300LBK3/4> (L-178) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREOD I1651676 FLANGES 10 SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762192 <SWFA300R3511/2XS> (L-375) SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762190 <SWFA300R353/4XS> (L-375) 2 BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652375 FASKETS 3 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 3/4 163508950 ASME B16.5 G03GFP1IS12 < N/A > (N/A) 14 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437418 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length 15 GATE VALVE API 602 800# A105N SWE SWE 8-F6&HF WB-OS&Y SOW API 602 HW 110015418 V01GIC4411BL NREQD < G63\_4L-GA1313-B > (L-GA1313-B) INSTRUMENTS 6 INSTRUMENT COMPONENT 19-PDT-4002 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 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: 4001008 PIPING CLASS 4274-XH-DL-2121HPN40A02-4 1E21 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 INSULATION CODE / THK. (mm) ANNEX DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121HPN40A02-4

<b>ISSUED FOR</b>	
REFERENCE	

Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

1-1/2"-HPN-40A02-1E21

FILENAME: 19-000-2-02-00001 sheet 2121HPN40A02-4.dwg