REV. CAUSE ID:

STREAM REV. NO.: 7

STREAM NO.:4001

SEE ISO

 $\underline{\textbf{REMARKS FOR MECHANICAL SUBCONTRACTOR:}}$

2121-ET40A07-2 SPEC 1E21 E 139523593 N 113383650

E 139523593 N 113383650 EL +9354 -HTF102 SEE ISO 2121-ET40A07-3 SPEC 1E21 E 139524895 EL +8833

BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK3/4> I1651300 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD 11651298 <90FA300LBK3/4> (L-178) SPECIALTY COMPONENT 19-FO-4002 LANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762190 <SWFA300R353/4XS> (L-375) BLIND FLANGE ASME B16.5 300# A105N RFFE NREOD 125 - 250 AARH F10CFC44B005 11652375 ASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 3/4 I63508950 ASME B16.5 G03GFP1IS12 < N/A> (N/A) BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437429 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length 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 VALVES / IN-LINE ITEMS 10 GATE VALVE API 602 800# A105N SWE SWE 8-F6&HF WB-OS&Y SOW API 602 HW I10015418 V01GIC4411BL NREQD < G63 4L-GA1313-B > (L-GA1313-B)

| | 1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. |
| 1 | 3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT |
| 1 | 4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603. |
| 1 | 5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002. |
| 1 | 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED. |
| 1 | 7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN. |
| 1 | 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. |
| - | DIDE ADVINOGRADOR O GER E AVILLORO DA AVILLORO A CONTROLA DE LA CONTROLA DEL CONTROLA DE LA CONTROLA DEL CONTROLA DE LA |
| | SUPPORTS LEGEND: Denotes Parts List no PIPE — A=resting support G=GUDE F=AVALSTOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. |
| L | CUDDODTC I ECEND. I DENOIES PARISLISI NO GUDDODT - I ASSISTED NO GUDODT - I ASSISTED NO GUDODT - I ASSISTED NO GUDDODT - I ASSISTED NO GUDODT - I ASSISTED NO GU |

-8X3/4"NPD

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR

REFERENCE

CS

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

WELDING CLASS (4)

INSULATION CODE / THK. (mm)

PED CATEGORY

PIPING CLASS

ISOMETRIC DRAWING LINE 3/4"-ET-40A13-1E21

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

ANNEX

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: CONTRACTOR DRAWING NUMBER: PROJECT:

4274-XH-DL-2121ET40A13-1 1E21 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

4001008

FILENAME: 19-000-2-02-00001 sheet 2121ET40A13-1.dwg

19-A-19-000-1-01-00001 sheet 28 ISSUED FOR REFERENCE G.PAGANONI 10-MAR-2023 M.YADAV P.VAZE 19-L-19-000-2-00-80602 REV. DESCRIPTION CHECK BY APPR. BY 19-L-19-000-2-00-86196 sheet 3

DRAWING NUMBER 19-000-2-02-00001 sheet 2121ET40A13-1