REV. CAUSE ID:

SEE ISO 2121-LPN91S09-1 SPEC 1E18 E 139525098 N 113389567 F2 G6 B8 F2 G6 B8 9 STEM N 30.8 W 2121-CT40U01-1 EL +15550 E 139524722 N 113389343 SEE ISO 2121-CT49A01-

HOLD COMPONENT DESCRIPTION ITEM CODE STATUS QTY (IN) FITTINGS REDUCING TEE ASME B16.9 A234-WPB BE SMLS C32DC04V02 S-XS x 1X3/4 <TRBA200F312161116> (L-9918) WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS I4217849 WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 19805754 <WNFA300R353/4XS> (L-236) I132793 10.6 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 SASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 1 I63598746 B16.5 G03GFB1IG12 < SPAO505R3EA1> (L-SPA05) SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3/4 I63598745 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 VALVES / IN-LINE ITEMS BALL VALVE API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH I9918107 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JFC29BZZG NREQD <B41L-AL084> (L-AL084) BALL VALVE API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 19918106 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JFC29BZZG NREQD <B43 4L-AL084> (L-AL084)

BILL OF MATERIAL

ALL PIPE BENDS INDICATED IN THIS ISOMETRIC SHALL BE OF 10D BENDS RADIUS.

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

24:21	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 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. 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL 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.								REFERENCE
-2023 12:	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. SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEPLON PAD WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								Signature for construction is shown on Iso list of relevant CWA
.12								STRESS CALC. Nº	TITLE
-80								P & ID	ISOMETRIC DRAWING
μ̈́	01	ISSUED FOR REFERENCE	24-NOV-23	M.YADAV	P.VAZE	G.PAGANONI		19-A-19-000-1-01-00001 sheet 48	
DAT	00	ISSUED FOR REFERENCE	14-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	LINE
7.	00	ISSUED FOR REFERENCE	14302-23	O.CHATVAIIV	1.VILL	GITIGILIOI		19-L-19-000-2-00-80602	
EXT	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 5	1"-CT-40U03-1E64

SPEC 1C14 E 139524344 N 113387150 EL +12367

ISSUED FOR

PAINTING SCHEME (3) PIPING CLASS

PIPE MATERIAL

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

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: CONTRACTOR DRAWING NUMBER: PROJECT: 4001008 4274-XH-DL-2121CT40U03-1 1E64

WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

DRAWING NUMBER ANNEX 01 19-000-2-02-00001 sheet 2121CT40U03-1

FILENAME: 19-000-2-02-00001 sheet 2121CT40U03-1.dwg