REV. CAUSE ID:

STREAM REV. NO.: 10

19-08-2023 10:24:00

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.

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

STEM WEST N N 113391987 TE
ALLIGNMENT BOLTS SUPPLIED BY VALVE VENDOR -F4 G5 B7 SEE ISO 2121-LPN40R03-1 F4 G5 8 STEM WEST F4 G5 B6 8 STEM WEST F4 G5 B6 F4 G5 B6 2121-FO40R11-1 E 139536969 EL +5028 1/2"NPD 1/2X1/2"NPD

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY (IN) STATUS PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679) I132777 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK1/2> 1/2X1/2 I1651299 PLUG ROUND HEAD ASME B16.11 - A105N MTE NREQD - R42FQC44W001 NREQD I10088243 <PLUA300CK1/2> (L-77) FLANGES SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS I5378341 <SWFA300R151/2XS> (L-295) SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1/2 163508894 ASME B16.5 G03GDP1IS12 < N/A> (N/A) BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437179 <SB2R51G1/221/2> - 2 NUTS PER BOLT - 60 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437223 <SB2R51G1/231/4> - 2 NUTS PER BOLT - 80 mm Length ALVES / IN-LINE ITEMS BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH I10013685 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JDC29BZZG NREOD < N/A> (N/A) DISC CHECK WFR VALVE ASME B16.34 150# A216-WCB RFTBE 316/R-PTFE, GF 125 -I10016146 250 AARH SL VERTICAL&HORIZONTAL CRACK. PRESS. 1/2 PSI ASME B16.5 V40JDC29P01 NREOD <N/A> (N/A) BALL VALVE ASME B16.34 800# A105N SWE FTE 316/R-PTFE, GF 3PSB-RED BORE I67130076 FLOATING BALL OHW FIRE SAFE : API 607 & ANTISTATIC DEVICES "A60T series" TEAL V04JIC44126IG NREQD <N/A> (N/A)

5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-000000002. 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. 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHA SUBCONTRACTOR (REF. TO 4274-LZ-PC-00000603). 9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-0000 -760-609092 / 4274 - NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.									
SUPPORTS LEGEND: Denotes Parislist no Pipe									Signature for construction on Iso list of relevant
								STRESS CALC. Nº	TITLE
								-	ICOMETRIC DD
								P&ID	ISOMETRIC DR
								19-A-19-000-1-01-00001 sheet 46 LINE LIST N°	LINE
00	ISSUED FOR REFERENCE		18-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	
REV.	EV. DESCRIPTION		DATE	DRW. BY	CHECK BY	APPR. BY	APPR CLIENT	PIPE LAYOUT N°	1/2"-FO-40R01-1C17
	DESCRIPTION			DR.V.DI	CILCREI	ATTR. BT	ATTIC CEIENT	19-L-19-000-2-00-86197 sheet 2	1.2 13 10101 1017

REFERENCE ature for construction is shown on Iso list of relevant CWA

ISSUED FOR

PIPE MATERIAL

PIPING CLASS

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

Art 4.3

CS

OMETRIC DRAWING LINE

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" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

1C17 WELDING CLASS (4) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

4001008 4274-XH-DL-2121FO40R01-1 LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX REPSOL POLYMEROS/ FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX REPSQL DRAWING NUMBER ANNEX 00 19-000-2-02-00001 sheet 2121FO40R01-1 FILENAME: 19-000-2-02-00001 sheet 2121FO40R01-1.dwg