REV. CAUSE ID:

STREAM REV. NO.: 9

1"NPD SEE ISO 2121-LS91A40-1 SPEC B-5 E 139521503 -N 113393225 10 STEM EAST 45.0° EL +26629 INSUL: HA - THK 50 mi INSUL: HA - THK 40 mm E 139521665 6 SP-04-291A0-17

BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 1.0 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 0.3 M REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD 1X3/4 I1651305 <RTEA300KBK13/4> (L-RTE15) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD 11651292 <45FA300LBK1> (L-184) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 I2221187 <NTOA010E1120324> (L-7881) SP-04-291A0-17 1 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREOD 11651294 <45FA300LBK3/4> (L-184) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 12221177 <NTOA010E1110324> (L-7881) CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK3/4> 3/4 I1651686 10 GLOBE VALVE API 602 800# A 105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y I11426473 API 602 HW V02GIC441162 NREQD < A61L-296> (L-296) GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW 3/4 I11426464 API 602 HW V01GIC441111 NREQD < G63_4L-6566> (L-6566)

REMARKS FOR MECHANICAL SUBCONTRACTOR: 1) LINES 1.12" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. 2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.12" 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. 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 IT DERFORM IT BASED ON DOC. 45-P-000-7-06-09902/ 4274-NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.											S
SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A = RESTING SUPPORT G = GUIDE F = AVAL STOP B = ANCHOR M = SPRING S = THE LON PAD WHERE W											
										STRESS CALC. Nº	TIT
										P & ID 19-A-19-000-1-01-00001 sheet 117] J
00	ISSUED FOR REFERENCE			02-JUN-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602		
REV.	DESCRIPTION			DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 7		

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR

REFERENCE

CS

HEAT TREATMENT (PWHT)

PED CATEGORY

INSULATION CODE / THK. (mm)

ISOMETRIC DRAWING LINE

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

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

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

PIPING CLASS 4001008 4274-XH-DL-2121LS91A40-2 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL)

AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

DRAWING NUMBER 19-000-2-02-00001 sheet 2121LS91A40-2 ANNEX 00

FILENAME: 19-000-2-02-00001 sheet 2121LS91A40-2.dwg

