REMARKS FOR MECHANICAL SUBCONTRACTOR:

1"NPD SEE ISO 2121-LS91A35-1 SPEC B-5 45.0° EL +13888 INSUL: HA - THK 50 m INSUL: HA - THK 40 mm 9-US-2121-11 E 139533011 EL +13726 SP-04-291A0-12 11 STEM EAST \

BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 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-04-291A0-12 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)

• 1	1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.								
	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.								
13	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.								
·:									
4	7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.								
5	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.									l S
7		IDPOPTS LEGEND.   IDENOTES PARTS LIST NO PIPE A=RESTING SUPPORT G=GUIDE F=AXIALSTOP B=ANCHOR M=SPRING S=TEFLONPAD							
2	SUPPO	PORTS LEGEND: UDENDESPARISLIST NO SUPPORT — WHEREAST DIRECTLY ON STEEL STRUCTURE.							
6								STRESS CALC. Nº	TI
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ŽΙ		MODELED FOR DEPENDANCE	02 1171 22					LINE LIST Nº	1
ď,	00	ISSUED FOR REFERENCE	02-JUN-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	
T.								PIPE LAYOUT Nº	1
EX.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 4	

EL +13349

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

**ISSUED FOR** 

PIPE MATERIAL

PED CATEGORY

INSULATION CODE / THK. (mm)

HEAT TREATMENT (PWHT)

CS

ISOMETRIC DRAWING LINE

1"-LS-91A35-B-5 (HA)

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

CONTRACTOR:

ANNEX

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

CONTRACTOR DRAWING NUMBER:

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3)

PIPING CLASS 4001008 4274-XH-DL-2121LS91A35-2 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

PROJECT:

DRAWING NUMBER 19-000-2-02-00001 sheet 2121LS91A35-2 00