REV. CAUSE ID:

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

F6 G8 B9 E 139524980 STEM NORTH TE KBATE1 SEE ISO 2121-LPN49A14-2 SPEC 1C14 E 139522985 N 113381328 SEE ISO SPEC 1C14 E 139523484 2121-CT49A01-2

BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) 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> I1651299 (L-179) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD 11651291 <45FA300LBK1/2> (L-184) DRIP RING YH-ST-D08 150# A516-70 NORM. FFTBE 125 - 250 AARH SUPPL. REQ. S5 I64626012 ASME B16.5 D0108DC65O02 NREQD <N/A> (N/A) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD 11651295 LANGES SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS I5378341 <SWFA300R151/2XS>(L-295) BLIND FLANGE ASME B16.5 150# A105N RFFE NREQD 125 - 250 AARH F10CDC44B005 I1652355 <BLFA300R151/2> (L-140) GASKETS SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME 1/2 I2230474 B16.5 G03GDB1IG12 < SPAQ505R1EA1/2> (L-SPA04) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437179 <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 167189974 - 2 NUTS PER BOLT - 110 mm Length ALVES / IN-LINE ITEMS 1 BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 110013685 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JDC29BZZG NREQD <N/A> (N/A)

	1, 211	ENGLISHED THE SHIP ENGLISHED BE SOFT ON THE BY THE							
		ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.							
	3) FOR	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.							
7		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.									
0		8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF. TO 4274-LZ-PC-00000603).							
_	9) WHI	9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/4274NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.							」 Si
SUPPORTS LEGEND: DENOTES PARTSLIST NO PIPE — A-RESTING SUPPORT G-GUIDE F-AXIALSTOP B-ANCHOR M-SPRING S-TEFLONPAD WILEDER WILLIAM TO NIT MEDICAL TO THE MEANS THAT THERE IS A BEST DIRECTLY ON STEEL STRUCTURE.							FLON PAD		
7	SUPPORTS LEGEND: LIDENOIES PARISLIST NO SUPPORT WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								
5								STRESS CALC. Nº	TIT
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4								19-A-19-000-1-01-00001 sheet 57	4
, DA		IGGLIED FOR REFERENCE	06-OCT-23	MANADAN	B 111 7F	G D. G. WONT		LINE LIST Nº	
	00	ISSUED FOR REFERENCE		M.YADAV	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	
=								PIPE LAYOUT Nº	7
\	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 1	

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

ISSUED FOR

ISOMETRIC DRAWING LINE

1/2"-LPN-49A14-1C14

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

PIPE MATERIAL

PIPING CLASS

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

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:

4001008 4274-XH-DL-2121LPN49A14-3 1C14 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

REPSOL POLYMEROS/ FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX REPSQL DRAWING NUMBER ANNEX

19-000-2-02-00001 sheet 2121LPN49A14-3

FILENAME: 19-000-2-02-00001 sheet 2121LPN49A14-3.dwg

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