REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

CONN TO 19-PK-4037/DD 1/in/RFFE/300 N 113388187 EL +12729 SEE ISO 2121-CT40U06-1 SPEC 1E64 E 139529237 CLASS: 1C14 CLASS: SEE ISO 2121-CT49A23-3-

SPEC 1C14 E 139524830 N 113386076 EL +11834

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 FITTINGS 45 LATERAL ASME B16.11/AA 3000# A105N SWE SWE - R17RNC441101 Undefined I11139836 <LTSA300LBK1>(L-LTS03) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD I1651677 <FCPA300LBK1> (L-180) FLANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS I4217823 <SWFA300R351XS>(L-375) SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 1 163598746 B16.5 G03GFB1IG12 < SPAQ505R3EA1 > (L-SPA05) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437418 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length

	2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.								1
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL X, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT									1
	,	EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.		1					
5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.									1
6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.									1
7	7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.								
7	8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).								1
_	9) WHI) 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.							5
Thenores parts list no PIPE — A=RESTING SUPPORT G=GLIDE F=AXIAL STOP B=ANCHOR M=SPRI								FLON PAD	~
ું ∣	SUPPO	TS LEGEND: DENOTES PARTS LIST NO PIPE A-RESTING SUPPORT G=GUDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.							1
7									╙
7								STRESS CALC. Nº	TI
ģ								-	1
Ó								P & ID	1
÷i	01	ISSUED FOR REFERENCE	24-NOV-23	M.YADAV	P.VAZE	G.PAGANONI		19-A-19-000-1-01-00001 sheet 35	-
= 1								-,,	1
DA.	00	ISSUED FOR REFERENCE	07-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	1
	00							19-L-19-000-2-00-80602	1
≚								PIPE LAYOUT Nº	ĺ
X	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 4	1

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

ISSUED FOR

ISOMETRIC DRAWING LINE

1"-CT-49A23-1C14

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

ANNEX

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:

4274-XH-DL-2121CT49A23-1 1C14 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/

4001008

SINES INDUSTRIAL COMPLEX DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121CT49A23-1