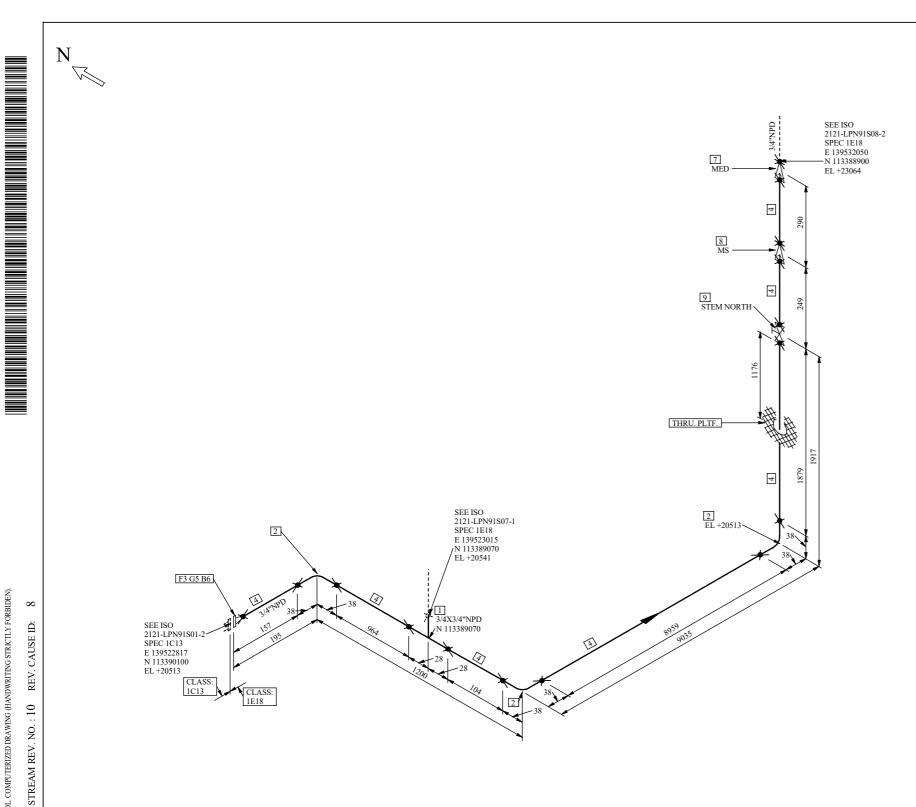
REV.

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

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



BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) FITTINGS STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-XS I128989 <TEBA200F311161116> (L-7940) 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-XS <90LA200F33/4XS> I128416 (L-7930) LANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 19805754 <WNFA300R353/4XS> (L-236) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 12.2 M SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 3/4 163508950 ASME B16.5 G03GFP1IS12 < N/A> (N/A) BOLTS I53437418 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length VALVES / IN-LINE ITEMS SWING CHECK BW API 602 600# A105N BE BE 8-F6&HF API 602 B7/2H BC 165511355 V84GHC44VV54 S-XS <N/A> (N/A) PISTON CHECK BW API 602 600# A105N BE BE 8-F6&HF API 602 B7/2H BC MS, SL 164662089 V8AGHC44VV3C S-XS <N/A> (N/A) GATE VALVE BW API 602 600# A105N BE BE 8-F6&HF WB-OS&Y SOW API 602 HW I64661434 V81GHC44VVBL S-XS <N/A> (N/A)

	 4) FOF 	4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-0000603.							
7	5) GUS	5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.							
⊡	6) CR0	OSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.							
3	7) IN (CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICAE	APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.						
 	8) AC	TUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUB-	CONTRACTOR (I	REF.TO 4274-LZ-F	C-00000603).				
_	9) WHI	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.							
4		DIDE							
3	SUPPO	SUPPORTS LEGEND: Denotes Parts List no PPPE — A=resting support G=guide F=axial stop B=anchor M=spring S=tellon pad Where A without numbering is indicated, this means that there is a rest directly on steel structure.							
WHERE AWTHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS								L STRUCTURE.	
7								STRESS CALC. Nº	-
ĭ								_	
	01	ISSUED FOR REFERENCE	16-FEB-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID	
Ϋ́	01	ISSUED FOR REFERENCE						19-A-19-000-1-01-00001 sheet 115	
Ā		ISSUED FOR REFERENCE		U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	
_							I		
_	00	ISSUED FOR REFERENCE	30-JUN-23	O.CHETTIET	1.47122	GIAGANONI		19-L-19-000-2-00-80602	

DRW. BY

CHECK BY

APPR. BY

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR

REFERENCE

PIPE MATERIAL

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

WELDING CLASS (4)

INSULATION CODE / THK. (mm)

PED CATEGORY

1E18

Art 4.3

PIPING CLASS

CS

ISOMETRIC DRAWING LINE 3/4"-LPN-91S08-1E18

PIPE LAYOUT Nº

19-L-19-000-2-00-86197 sheet 5

APPR. CLIENT

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102

CONTRACTOR:

ANNEX

3. WELDING ACCORDING TO 45-L-45-000-2-00-80021

19-000-2-02-00001 sheet 2121LPN91S08-1

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

4274-XH-DL-2121LPN91S08-1

LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL

DRAWING NUMBER

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

01

4001008

PROJECT:

FILENAME: 19-000-2-02-00001 sheet 2121LPN91S08-1.dwg