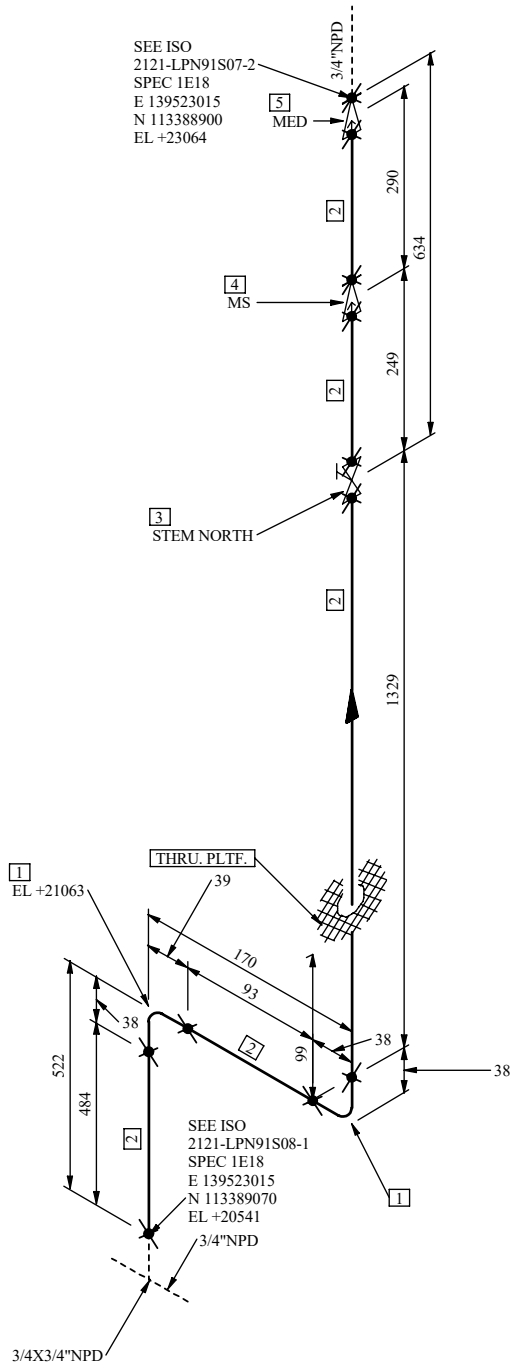


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EXTR. DATE: 28-06-2023 09:36:40

STREAM NO.:4215

REV. CAUSE ID:



REMARKS FOR MECHANICAL SUBCONTRACTOR:

- 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.  
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 TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.

**SUPPORTS LEGEND:**  DENOTES PARTS LIST NO       PIPE SUPPORT       A=RESTING SUPPORT      G=GUIDE      F=AXIAL STOP      B=ANCHOR      M=SPRING      S=TEFLON PAD  
WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

							STRESS CALC. N° -
							P & ID 19-A-19-000-1-01-00001 sheet 115
00	ISSUED FOR REFERENCE	30-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 6

ISSUED FOR  
REFERENCE

Signature for construction is shown  
on Iso list of relevant CWA

ISOMETRIC DRAWING  
LINE

3/4"-LPN-91S07-1E18

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
FITTINGS					
1	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-XS <90LA200F33/4XS> (L-7930)	3/4	I128416	2	
PIPE					
2	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A13/4XS> (L-6679)	3/4	I132785	2.1 M	
VALVES / IN-LINE ITEMS					
3	GATE VALVE BW API 602 600# A105N BE BE 8-F6&HF WB-OS&Y SOW API 602 HW V81GHC44VVBL S-XS <N/A> (N/A)	3/4	I64661434	1	
4	PISTON CHECK BW API 602 600# A105N BE BE 8-F6&HF API 602 B7/2H BC MS, SL V8AGHC44VV3C S-XS <N/A> (N/A)	3/4	I64662089	1	
5	SWING CHECK BW API 602 600# A105N BE BE 8-F6&HF API 602 B7/2H BC V84GHC44VV54 S-XS <N/A> (N/A)	3/4	I65511355	1	

PIPE MATERIAL

CS

HEAT TREATMENT (PWHT)

N

PAINTING SCHEME (3)

1

PIPING CLASS

1E18

WELDING CLASS (4)

A-2

PED CATEGORY

Art 4.3

INSULATION CODE / THK. (mm)

N

0

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.

4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.

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



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

CLIENT / COMPLEX  
REPSOL POLYMEROS/  
SINES INDUSTRIAL COMPLEX

ANNEX  
19

SPEC.  
L

DRAWING NUMBER  
19-000-2-02-00001 sheet 2121LPN91S07-1

REV.  
00