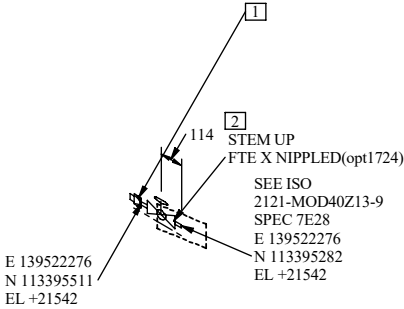


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EXTR. DATE: 08-07-2023 11:07:27





STREAM NO.:4924

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 51
00	ISSUED FOR REFERENCE	07-JUL-23	M.YADAV	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


TITLE  
**ISOMETRIC DRAWING  
LINE**

1/2"-MOD-40Z13-7E28 (ET)

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
FITTINGS					
1	PLUG ROUND HEAD ASME B16.11 - A182-F304/304L DUAL GR MTE NREQD - R42FQL2AW001 NREQD <PLUB450CK1/2> (L-PLU04)	1/2	12260791	1	
VALVES / IN-LINE ITEMS					
2	NIPPLED BALL VALVE BS EN ISO 17292 800# A182-F316/316L DUAL GR PE FTE 316/R-PTFE, GF A193-B8M CL2/8MA 3PSB-FULL BORE FLOATING BALL OHW SCH1-80S SCH2-80S LENGTH 75mm V36FIL1MZ2AN NREQD <B61_2L-AL177> (L-AL177)	1/2	163522774	1	

- 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".

CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
	4274-XH-DL-2121MOD40Z13-11	4001008

LOW LINEAL DENSITY POLYETHILENE (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 2121MOD40Z13-11	REV. <b>00</b>
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