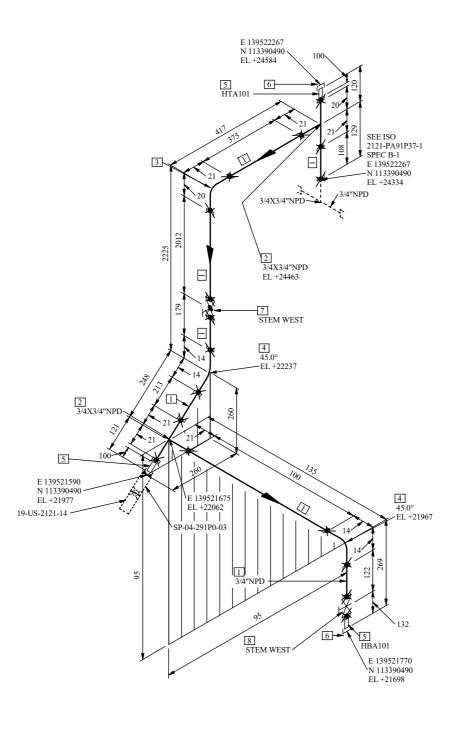
REV. CAUSE ID:

REV.



BILL OF MATERIAL N.S. HOLD. COMPONENT DESCRIPTION ITEM CODE QTY (IN) STATUS PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK3/4> 3/4X3/4 I1651300 (L-179) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD 11651298 <90FA300LBK3/4>(L-178) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD I1651294 <45FA300LBK3/4> (L-184) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AOC03ZW04 S-XS 12221184 <NTOA010E1111624> (L-7888) CAP ASME B16.11 3000# A105N FTE NREOD - R41FNC442001 NREOD <CATA300KBK3/4> 3/4 11651686 (L-79) ALVES / IN-LINE ITEMS GLOBE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y 3/4 I11426472 API 602 HW V02GIC441162 NREQD < A63\_4L-296> (L-296) GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW 3/4 I11426464 API 602 HW V01GIC441111 NREQD < G63\_4L-6566> (L-6566)

ISSUED FOR REFERENCE	PIPE MATERIAL  CS  HEAT TREATMENT (PWHT)		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.			
	N		5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. " <n a="">" MEANS UNICO</n>			
Signature for construction is shown on Iso list of relevant CWA	PAINTING SCHEME (3)	1	CONTRACT	OR:	CONTRACTOR DRAWING NUMBER:	PROJ
	PIPING CLASS	B-1	Tecnimont		4274-XH-DL-2121PA91P36-1	4
TITLE	WELDING CLASS (4)		LO	W LINE	AL DENSITY POLYETHILENE (PEI	_)
ISOMETRIC DRAWING LINE	PED CATEGORY	E Art 4.3	REPJOL		POLYPROPYLENE (PP) PLANTS R PROJECT - ALBA PROJECT	CLI REI SINES I
3/4"-PA-91P36-B-1	INSULATION CODE / T	HK. (mm)	ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121PA91P	36-1

PIPE MATERIAL

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.

A=RESTING SUPPORT G=GUIDE 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. DENOTES PARTS LIST NO PIPE SUPPORT — SUPPORTS LEGEND:

TRESS CALC. Nº 19-A-19-000-1-01-00001 sheet 112 ISSUED FOR REFERENCE 02-JUN-23 U.CHAVAN P.VAZE G.PAGANONI 19-L-19-000-2-00-80602 PIPE LAYOUT Nº APPR. CLIENT DESCRIPTION CHECK BY APPR. BY

19-L-19-000-2-00-86197 sheet 6

DRW. BY

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

"<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

ACTOR DRAWING NUMBER: PROJECT:

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

4001008

FILENAME: 19-000-2-02-00001 sheet 2121PA91P36-1.dwg