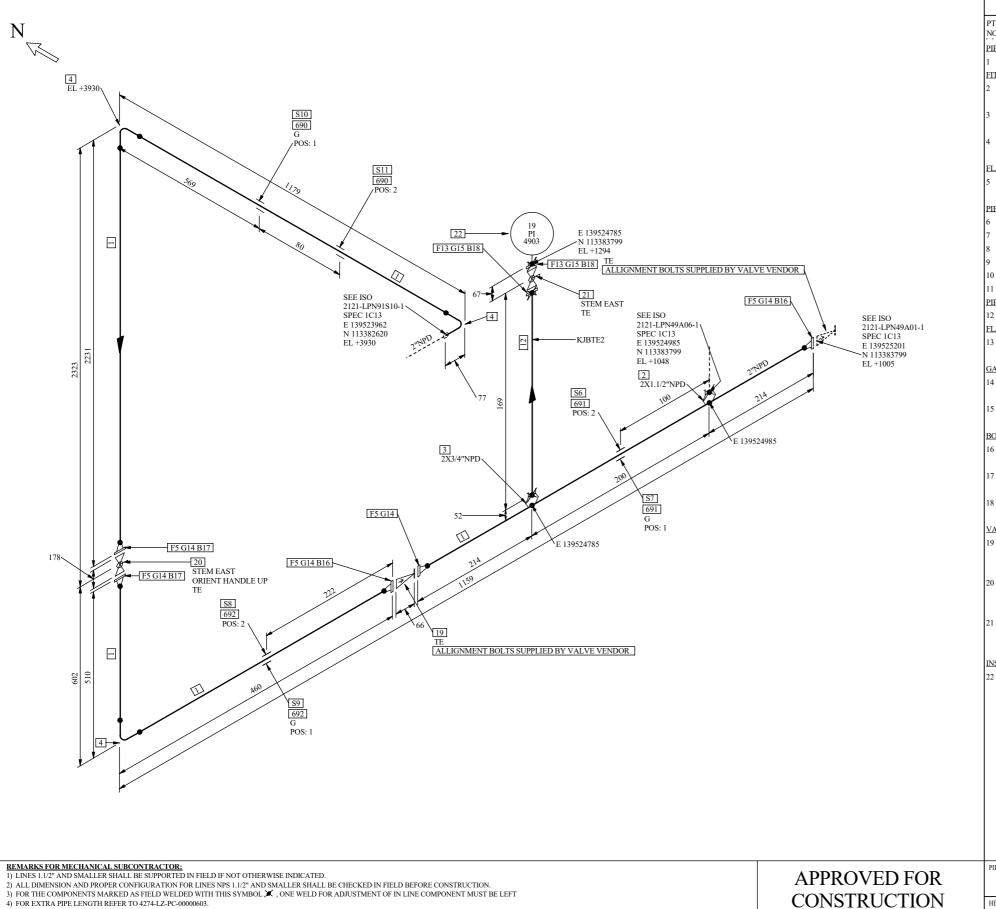
4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.



BILL OF MATERIAL				
PT NO COMPONENT DESCRIPTION PIPE	N.S. (IN)	ITEM CO		HOLD STATUS
1 PIPE - A106-B BE SMLS T01AC03V02 S-STD <pipa010b12std> (L-7806). EITTINGS</pipa010b12std>	2	I117862	4.4 M	
REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD	2X1.1/2	1784341	3 1	
<soka300lb01413> (L-343). 3 REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD SOKA200LB01413> (L-343).</soka300lb01413>	2X3/4	1784341	1 1	
<soka300lb01411> (L-343). 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955).</soka300lb01411>	2	I128529	3	
FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD	2	1535579	95 5	
<wnfa300r152std> (L-149). PIPE SUPPORTS</wnfa300r152std>				
STAKES SUPPORTS ST09 L100X100X10	2	691	1	
STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	691	1	
STAKES SUPPORTS ST09 L100X100X10	2	692	1	
STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	692	1	
0 STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	690	1	
1 VERTICAL STAKES WELDED TO STR. ST42 L80X80X10 IPE	2	690	1	
2 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679). LANGES	3/4	1132785	0.2 M	
3 SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS <swfa300r153 4xs=""> (L-295).</swfa300r153>	3/4	1537834	2 2	
iASKETS 4 SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME	2	I223048	34 5	
B16.5 G03GDB1IG12 <spaq505r1ea2> (L-SPA04) 5 SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME</spaq505r1ea2>	3/4	I223047	75 2	
B16.5 G03GDB1IG12 < SPAQ505R1EA3/4> (L-SPA04) 80LTS				
6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <sb2r51g5 86=""> - 2 NUTS PER BOLT - 155 mm Length</sb2r51g5>	5/8	1534372	279 8	
7 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <sb2r51g5 2="" 831=""> - 2 NUTS PER BOLT - 85 mm Length</sb2r51g5>	5/8	1534374	129 8	
8 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <sb2r51g1 2="" 221=""> - 2 NUTS PER BOLT - 65 mm Length</sb2r51g1>	1/2	I534371	90 8	
/ALVES / IN-LINE ITEMS. 9 DISC CHECK WFR VALVE ASME B16.34 150# A216-WCB RFTBE 316/R-PTFE, GF 125 - 250 AARH SL VERTICAL&HORIZONTAL CRACK. PRESS. 1/2 PSI ASME B16.5	2 I10016		50 1	
V40JDC29P01 NREQD <n a=""> (N/A). BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 2PSB-FULL BORE FLOATING BALL LE ASME B16.5 V04JDC29BTR NREQD <b42l-ba1434></b42l-ba1434></n>	2	I868313	37 1	
(L-BA1434). 11 BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JDC29BZZG NREQD <n a=""></n>	3/4 I10013		586 1	
(N/A). NSTRUMENTS				
22 INSTRUMENT COMPONENT	3/4	19-PI-49	903 1	
PIPE MATERIAL NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAIL 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 REPSO				ILABLE".
PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWIN	G NUMI	BER:	PROJECT:	
PIPING CLASS 1C13 Tecnimont 4274-XH-DL-2121LI	4274-XH-DL-2121LPN91S10-2			
WELDING CLASS (4) E PED CATEGORY Art 4.3 LOW LINEAL DENSITY POLYE AND POLYPROPYLENE (PI FOR PROJECT - ALBA PI	P) PLAN	NTS	CLIENT / CON REPSOL POLYM SINES INDUSTRIAL	EROS/
INSULATION CODE / THK. (mm) N 0 ANNEX SPEC. DRAWING NUMBER 19-000-2-02-00001 sh	eet 212	1LPN919	S10-2	REV.
FILENAME: 19-000-2-02				

6) CI 7) IN 8) A0	USSETING TO BE IMPLEMENTED BY MECHANICAI ROSSING BETWEEN WELDS ON PIPELINE SHALL N I CASE OF DISCREPANCIES BETWEEN DATA SHOW CTUAL CUT LENGTH OF PIPE AND FIELD WELDS SI HERE EARTHING BONDING IS REQUIRED, MECHAN	OT BE ADMITTED. 'N ON ISO AND IN LINE HALL BE DEFINED BY	E LIST (AS APPLICAE MECHANICAL SUB	BLE, DATA SHOW CONTRACTOR (F	VN IN LINE LIST REF.TO 4274-LZ-1	PC-00000603).	W-00000002 AND	ASSEMBLY NO	FEA005 AND FE019.	Signature for construction is shown
SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEHLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.						on Iso list of relevant CWA				
									STRESS CALC. Nº	TITLE
-									P & ID	ISOMETRIC DRAWING
									19-A-19-000-1-01-00001 sheet 115	
00	ISSUED FOR CONSTRUCTION			07-APR-2023	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST Nº	LINE
- 00	ISSUED FOR CONSTRUCTION			07-711 K-2023	W.IIIDAV	1	GINGARORI		19-L-19-000-2-00-80602	_
REV	. DESCRIPTION			DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 1	2"-LPN-91S10-1C13