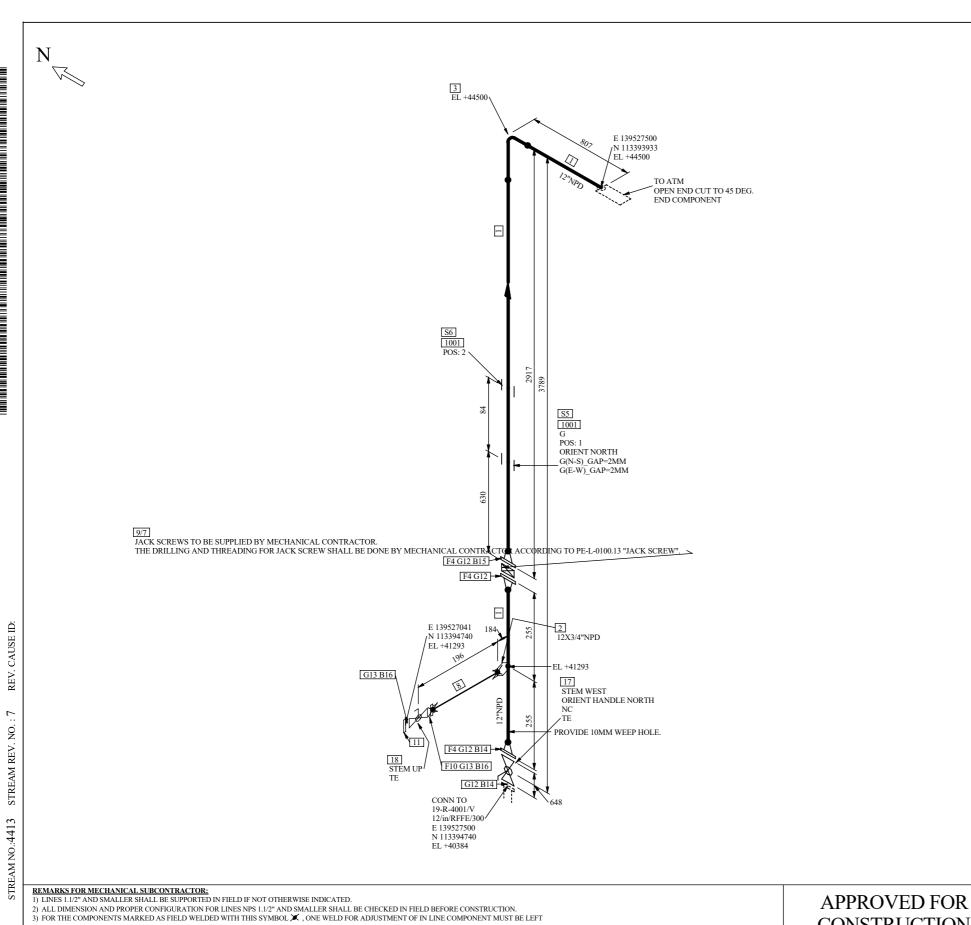
4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.



		F	BILL OF MATERIAL							
PT NO COMPONENT DESCRIPTION	N.S. (IN)	ITEM CO	DDE Q	ΓY.	HOLD STATUS					
PIPE 1 PIPE - A106-B BE SMLS T01AC0. FITTINGS	12	I117814	4	3.0 M						
2 REDUCING SOCKOLET MSS-SP- <soka300lb02011> (L-343)</soka300lb02011>	-97 3000# A105N	BE SWE - I	R13DNC44V101 NREQD	12X3/4	I165135	59	1			
3 90 LR ELBOW ASME B16.9 A234 (L-7955)	12	I128477	7	1						
FLANGES 4 WN FLANGE ASME B16.5 300# A <wnfa300r3512std> (L-236)</wnfa300r3512std>	12	133625	19	3						
PIPE SUPPORTS 5 WELDED GUIDE-C1G2 H = 200 L	12	1001		1						
6 VERTICAL TRESTLES TR06 HEA	12	1001		1						
MISCELLANEOUS COMPONENTS 7 SPACER RING ASME B16.48 3009 S5 ASME B16.5 D0501FC65004 <	12	I53559 ⁴	40	1						
PIPE 8 PIPE - A106-B PE SMLS T01AC03	3Z02 S-XS <pipa< td=""><td>010A13/4X</td><td>S> (L-6679)</td><td>3/4</td><td>I132785</td><td>5 (</td><td>0.2 M</td><td></td></pipa<>	010A13/4X	S> (L-6679)	3/4	I132785	5 (0.2 M			
9 BLIND DISC ASME B16.48 300# A S5 ASME B16.5 D0401FC65O04 N	12	1535593	31	1						
FLANGES 10 SW FLANGE ASME B16.5 300# A	3/4	1976219	90	1						
<swfa300r353 4xs=""> (L-375) 11 BLIND FLANGE ASME B16.5 300</swfa300r353>	3/4	1165237	75	1						
GASKETS 12 SPIRAL WOUND GASKET ASME	12	I635089	957	4						
ASME B16.5 G03GFP1IS12 <n a:<br="">13 SPIRAL WOUND GASKET ASME ASME B16.5 G03GFP1IS12 <n a:<="" td=""><td>3/4</td><td>1635089</td><td>950</td><td>2</td><td></td></n></n>	3/4	1635089	950	2						
BOLTS 14 STUD BOLTS&NUTS ASME B18. <sb2r51g11 4="" 863=""> - 2 NUTS PEI</sb2r51g11>	1.1/8	1534380	064	32						
15 STUD BOLTS&NUTS ASME B18.	1.1/8	1534380	070	16						
<sb2r51g11 88=""> - 2 NUTS PER B 16 STUD BOLTS&NUTS ASME B18. <sb2r51g5 4="" 831=""> - 2 NUTS PER</sb2r51g5></sb2r51g11>	5/8	1534374	418	8						
VALVES / IN-LINE ITEMS 17 BALL V-TRUNN ASME B16.34 30 AARH 2PSB-FULL BORE TRUNN	12	I637825	524	1						
V48JFC29B017 NREQD <b412l-a 18="" 2psb-full="" 300#="" 608="" <n="" a="" aarh="" api="" ball="" bore="" floati="" nreod="" v-flt-ss-fb="" v1fjfc29bzzh=""> (1)</b412l-a>	3/4	1648126	511	1						
	Lionna									
PIPE MATERIAL CS	NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.									
HEAT TREATMENT (PWHT) N										
PAINTING SCHEME (3)	CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:									
PIPING CLASS 1E21	Tec	Tecnimont 4274-XH-DL-2121V				A40C01-1 4001008				
WELDING CLASS (4) E PED CATEGORY	LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDICEDIAL COMPLEX SINES INDICEDIAL COMPLEX									
III INSULATION CODE / THK. (mm)	REPSQL			KOJEC.		SINES IND	USTRIA	REV.		
N 0	ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sl	neet 212	1VA40C	C01-1		00		

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.							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=TEFLON 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
								REP-PE-061	IGON (EEDIG DE ANIMA)
								P & ID 19-A-19-000-1-01-00001 sheet 32	ISOMETRIC DRAWING
								LINE LIST N°	LINE
00	ISSUED FOR CONSTRUCTION		30-DEC-22	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	Ente
REV.	DESCRIPTION		DATE	DRW. BY	CHECK BY	APPR. BY	ADDD OLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 9	12"-VA-40C01-1E21

CONSTRUCTION

FILENAME: 19-000-2-02-00001 sheet 2121VA40C01-1.dwg