

		I	BILL OF MATERIAL						
PT NO COMPONENT DESCRIPTION				N.S. (IN)	ITEM CODI		HOLD STATUS		
PIPE				(11.1)	IILW CODI	911.	SIAIOS		
1 PIPE - A106-B BE SMLS T01AC03* FITTINGS	V02 S-STD <pip< td=""><td>2</td><td>I117862</td><td>0.7 M</td><td></td></pip<>	2	I117862	0.7 M					
2 CONCENTRIC REDUCER ASME B <crea200f314151216> (L-7958).</crea200f314151216>	2X1	I233243	1						
3 REDUCING 45 LATROLET MSS-SI <laba300f014151116> (L-LAB22)</laba300f014151116>	2X3/4	159585612	. 1						
FLANGES 4 WN FLANGE ASME B16.5 300# A1 <wnfa300r351xs> (L-236)</wnfa300r351xs>	1	14217849	1						
5 WN FLANGE ASME B16.5 300# A1 <wnfa300r353 4xs=""> (L-236)</wnfa300r353>	3/4	19805754	1						
PIPE	70 2 G 11G DID.	010.11770	(7. ((70))		********	0.134			
6 PIPE - A106-B PE SMLS T01AC032 7 PIPE - A106-B PE SMLS T01AC032	1 3/4	I132793 I132785	0.1 M 0.2 M						
FLANGES.	3/4		1						
8 BLIND FLANGE ASME B16.5 300# <blfa300r353 4=""> (L-143) GASKETS</blfa300r353>	AIUSN RFFE N	KEQD 123	- 230 AARH F10CFC44B003	3/4	11652375	1			
9 SPIRAL WOUND GASKET ASME I B16.5 G03GFB1IG12 < SPAQ505R3	1	163598746	5 1						
10 SPIRAL WOUND GASKET ASME I B16.5 G03GFB1IG12 < SPAQ505R3	3/4	163598745	5 2						
BOLTS 11 STUD BOLTS&NUTS ASME B18.3 <sb2r51g5 4="" 831=""> - 2 NUTS PER F</sb2r51g5>	5/8	153437418	8						
12 STUD BOLTS&NUTS ASME B18.3 <sb2r51g5 4="" 841=""> - 2 NUTS PER I</sb2r51g5>	5/8	153437270	4						
VALVES / IN-LINE ITEMS. 13 BALL VALVE API 608 300# A216-V 2PSB-FULL BORE FLOATING BAL <n a=""> (N/A)</n>	3/4	I64605273	3 1						
INSTRUMENTS 14 INSTRUMENT COMPONENT				2X1	19-PSV-4	104 1			
PIPE MATERIAL			DETAILS SEE LINE LIST. N OR INSTRUMENT CONNECTION DETAIL	.S SEE 45-L-45	5-000-2-00-80102.				
CS HEAT TREATMENT (PWHT)	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. "<\I/> " A" MEANS UNICODE IS "NOT AVAILABLE".								
PAINTING SCHEME (3)	5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REP CONTRACTOR: CONTRACTOR DRAWII					PROJECT:	LABLE".		
PIPING CLASS 1E64	Tec	nimont	4274-XH-DL-2121CY	YG41C(04-1	4001008			
WELDING CLASS (4) A-6 PED CATEGORY II	LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL								
INSULATION CODE / THK. (mm) P 50	ANNEX 19	SPEC.	DRAWING NUMBER 19-000-2-02-00001 sh	eet 212	1CYG41C	04-1	REV. 02		
1									

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.								CONSTRUCTION
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 SUPPORT — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SYRING 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		
02	ISSUED FOR CONSTRUCTION	24-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		STRESS CALC. N° REP-PE-063	TITLE ICOMETEDIC DD ANADIC
01	ISSUED FOR CONSTRUCTION	13-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 54	ISOMETRIC DRAWING
00	ISSUED FOR CONSTRUCTION	09-DEC-22	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	LINE
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT № 19-L-19-000-2-00-86197 sheet 7	2"-CYG-41C04-1E64 (P)

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 X , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT

on Iso list of relevant CWA ISOMETRIC DRAWING 2"-CYG-41C04-1E64 (P)

APPROVED FOR **CONSTRUCTION**