N

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

PT NO COMPONENT DESCRIPTION PIPE 1 PIPE - A106-B PE SMLS T01AC03 2 PIPE - A106-B PE SMLS T01AC03							
1 PIPE - A106-B PE SMLS T01AC03	N			N.S. (IN)	ITEM CODE	QTY.	HOLD STATUS
PETTER LOG	` '	1.1/2 3/4	I132809 I132785	1.5 M 0.1 M			
FITTINGS 3 ECCENTRIC SWAGE MSS SP-95 <eswa010ar13161216> (L-ESW.)</eswa010ar13161216>	CCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ0				I62946435	1	
4 REDUCING 45 LATERAL ASME	DUCING 45 LATERAL ASME B16.11/AA 3000# A105N SWE SWE - R18RNC441101				163782637	1	
Undefined <lr4a300lb1311> (L-LR403) 5 COUPLING ASME B16.11 3000# A105N SWE SWE - R0 <fcpa300lbk11 2=""> (L-180)</fcpa300lbk11></lr4a300lb1311>			441101 NREQD	1.1/2	11651679	1	
LANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-> <swfa300r351xs> (L-375)</swfa300r351xs>				1	I4217823	1	
7 SW FLANGE ASME B16.5 150# A	105N RFFE SWE	125 - 250 A	ARH F02CDC44B105 S-XS	3/4	15378342	1	
<swfa300r153 4xs=""> (L-295) 8 BLIND FLANGE ASME B16.5 150# A105N RFFE NREQD 125 - 250 AARH F10CDC44B005 <blfa300r153 4=""> (L-140)</blfa300r153></swfa300r153>					11652356	1	
GASKETS 9 SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 AS PM 5 CONDINATE SPIRAL					12230484	1	
 B16.5 G03GDB1IG12 <spaq505r1ea2> (L-SPA04)</spaq505r1ea2> SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS B16.5 G03GFB1IG12 <spaq505r3ea1> (L-SPA05)</spaq505r3ea1> SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS B16.5 G03GDB1IG12 <spaq505r1ea3 4=""> (L-SPA04)</spaq505r1ea3> 			E CARBON STEEL SS 304 ASME	1	163598746	1	
			E CARBON STEEL SS 304 ASME	3/4	12230475	2	
BOLTS 12 STUD BOLTS&NUTS ASME B18.			2H INCH SIZE 101OB0301	5/8	153437429	4	
	<sb2r51g5 2="" 831=""> - 2 NUTS PER BOLT - 85 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCL</sb2r51g5>			5/8	153437270	4	
14 STUD BOLTS&NUTS ASME B18. <sb2r51g1 2="" 221=""> - 2 NUTS PER</sb2r51g1>	2H INCH SIZE 1010B0301	1/2	153437190	8			
VALVES / IN-LINE ITEMS. 15 BALL VALVE API 608 150# A216 2PSB-FULL BORE FLOATING BA				3/4	I10013686	1	
NSTRUMENTS. 6 INSTRUMENT COMPONENT				2X1	19-PSV-490	04 1	
PIPE MATERIAL	1		DETAILS SEE LINE LIST.				
PIPE MATERIAL CS HEAT TREATMENT (PWHT)	2. FOR 3. WEI	R VENT, DRAIN	DETAILS SEE LINE LIST. N OR INSTRUMENT CONNECTION DETAIL RDING TO 45-L-45-000-2-00-80021. RDING TO 45-L-45-000-1-00-20160.	S SEE 45-L-45-	000-2-00-80102.		
CS	2. FOR 3. WEI 4. PAII 5. COD	R VENT, DRAIN LDING ACCOR NTING ACCOR DE SHOWN IN I	N OR INSTRUMENT CONNECTION DETAIL RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPSO	DL UNICODE. '	' <n a="">" MEANS U</n>		VAILABLE".
CS HEAT TREATMENT (PWHT) N PAINTING SCHEME (3) 1 PIPING CLASS	2. FOR 3. WEI 4. PAII 5. COD	R VENT, DRAIN LDING ACCOR NTING ACCOR DE SHOWN IN I	N OR INSTRUMENT CONNECTION DETAIL RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160.	OL UNICODE.	! <n a="">" means u ER: PI</n>	INICODE IS "NOT AN ROJECT: 400100	
CS HEAT TREATMENT (PWHT) N PAINTING SCHEME (3) 1	2. FOR 3. WEI 4. PAII 5. COD CONTRACTO	R VENT, DRAIN LDING ACCOR NTING ACCOR DE SHOWN IN I OR: nimont W LINE. AND I	N OR INSTRUMENT CONNECTION DETAIL RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPSO CONTRACTOR DRAWIN	G NUMB F49A13- THILEN P) PLAN	ER: PI	ROJECT:)8 OMPLEX 'MEROS/

	6) CRO 7) IN O 8) ACT	SSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2 OSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED. "ASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICA FUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUB- ERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM I	Signature for construction is shown						
SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXIALSTOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE 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
								-	ISOMETRIC DRAWING
	01	ISSUED FOR CONSTRUCTION	16-DEC-23	U.CHAVAN	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 57	
	00	ISSUED FOR CONSTRUCTION	24-FEB-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	LINE
	00	ISSUED FOR CONSTRUCTION	24-1 EB-23	U.CHAVAIN	1.VAZE	GJAGANONI		19-L-19-000-2-00-80602	
	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	ADDD CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 2	2"-CT-49A13-1C14

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

APPROVED FOR **CONSTRUCTION**