

		BILL OF MATERIAL				
PT NO COMPONENT DESCRIPTIO	)N		N.S. (IN)	ITEM CODE	QTY.	HOLD STATUS
1 PIPE - A106-B PE SMLS T01AC0 FITTINGS	03Z02 S-XS <pipa01< td=""><td>10A11/2XS&gt; (L-6679)</td><td>1/2</td><td>I132777</td><td>0.6 M</td><td></td></pipa01<>	10A11/2XS> (L-6679)	1/2	I132777	0.6 M	
2 TEE ASME B16.11 3000# A105N	SWE SWE - R11FN	IC441101 NREQD <tesa300lbk1 2=""></tesa300lbk1>	1/2X1/2	I1651299	1	
(L-179) 45 ELBOW ASME B16.11 3000# A <45FA300LBK1/2> (L-184)	A105N SWE SWE -	R32FNC441101 NREQD	1/2	11651291	1	
FLANGES 4 SW FLANGE ASME B16.5 300# A <swfa300r351 2xs=""> (L-375)</swfa300r351>	A105N RFFE SWE 12	25 - 250 AARH F02CFC44B105 S-XS	1/2	19762189	4	
, ,	0# A105N RFFE NR	EQD 125 - 250 AARH F10CFC44B005	1/2	I1652374	1	
GASKETS 6 SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASM B16.5 G03GFB1IG12 <spaq505r3ea1 2=""> (L-SPA05)</spaq505r3ea1>				163598744	6	
<sb2r51g1 2="" 221=""> - 2 NUTS PER</sb2r51g1>	-B7/A194-2H INCH SIZE I01OB0301	1/2	153437190	24		
VALVES / IN-LINE ITEMS.  8 BALL VALVE API 608 300# A210  2PSB-FULL BORE FLOATING B. <b41_2l-al084> (L-AL084)</b41_2l-al084>			1/2	19918105	3	
PIPE MATERIAL		TECHNICAL DETAILS SEE LINE LIST.		5.000.200.000		
CS HEAT TREATMENT (PWHT)	2. FOR V 3. WELD 4. PAINT	VENT, DRAIN OR INSTRUMENT CONNECTION DE DING ACCORDING TO 45-L-45-000-2-00-80021. TING ACCORDING TO 45-A-45-000-1-00-20160.				
CS	2. FOR V 3. WELE 4. PAINI 5. CODE	VENT, DRAIN OR INSTRUMENT CONNECTION DE' DING ACCORDING TO 45-L-45-000-2-00-80021. TING ACCORDING TO 45-A-45-000-1-00-20160. SHOWN IN BOM BETWEEN "<" & ">" DENOTES RE	EPSOL UNICODE.	" <n a="">" MEANS U</n>		VAILABLE".
CS HEAT TREATMENT (PWHT) N PAINTING SCHEME (3) 1 PIPING CLASS	2. FOR V 3. WELE 4. PAINT 5. CODE  CONTRACTO	VENT, DRAIN OR INSTRUMENT CONNECTION DE' DING ACCORDING TO 45-L-45-000-2-00-80021. TING ACCORDING TO 45-A-45-000-1-00-20160. SHOWN IN BOM BETWEEN "<" & ">" DENOTES RI  OR:  CONTRACTOR DRAW	EPSOL UNICODE.	" <n a="">" MEANS U BER: PI</n>	INICODE IS "NOT AN ROJECT: 400100	
CS HEAT TREATMENT (PWHT) N PAINTING SCHEME (3) 1 PIPING CLASS 1E23 WELDING CLASS (4)	2. FOR V 3. WELL 4. PAINT 5. CODE  CONTRACTO  Tecn  LOW	VENT, DRAIN OR INSTRUMENT CONNECTION DE DING ACCORDING TO 45-L-45-000-2-00-80021.  TING ACCORDING TO 45-A-45-000-1-00-20160. SHOWN IN BOM BETWEEN "«" & ">" DENOTES RIVER:  CONTRACTOR DRAW  4274-XH-DL-2121  V LINEAL DENSITY POLY	ing numi CT49A03	" <n a="">" MEANS U BER: PI  -3  NE (PEL)</n>	ROJECT:	)8
CS HEAT TREATMENT (PWHT) N PAINTING SCHEME (3) 1 PIPING CLASS 1E23	2. FOR V 3. WELL 4. PAINT 5. CODE  CONTRACTO  Tecn  LOW	VENT, DRAIN OR INSTRUMENT CONNECTION DE DING ACCORDING TO 45-L-45-000-2-00-80021. TING ACCORDING TO 45-A-45-000-1-00-20160. SHOWN IN BOM BETWEEN "-" & ">-" DENOTES REPORTED TO BE DENOTES REPORTED TO BE DESCRIBED TO BE DESC	ING NUMI CT49A03 ETHILEN	" <n a="">" MEANS U BER: PI -3 NE (PEL) NTS</n>	ROJECT: 400100	)8 OMPLEX 'MEROS/

- 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

- 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.

-2024		ERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT  ORTS LEGEND: DENOTES PARTS LIST NO PIPE — A-RESTING WHEREA WITHOUT	Signature for construction is shown on Iso list of relevant CWA							
Ž [								STRESS CALC. Nº	TITLE	
Ţ								-	ISOMETDIC DDAWING	
ri	01	ISSUED FOR REFERENCE	16-FEB-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 57	ISOMETRIC DRAWING	
₹ [	00	ISSUED FOR REFERENCE	14-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	LINE	
7		ISSUED FOR REFERENCE	14-3CE-23	O.CIETVIEV	1.47422	GITTGETOTT		19-L-19-000-2-00-80602		
EAL	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT №  19-I -19-000-2-00-86196 sheet 1	1/2"-CT-49A03-1E23	

REFERENCE

FILENAME: 19-000-2-02-00001 sheet 2121CT49A03-3.dwg