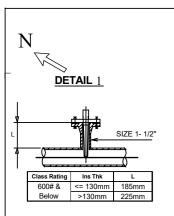
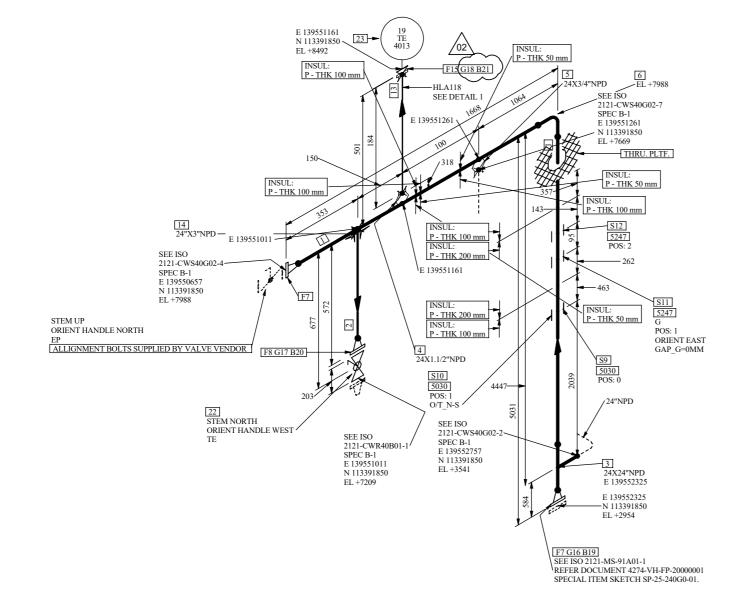
REV. CAUSE ID:

STREAM REV. NO.: 10

STREAM NO.:4104



DETAIL FOR TEMPERATURE TAP ON LINE



BILL OF MATERIAL							
PT NO COMPONENT DESCRIPTION				N.S. (IN)	ITEM COD	E QTY	HOLD STATUS
NO COMPONENT DESCRIPTION PIPE				·"'!	III.WI COD	r X!!.	21,1103
1 PIPE - A106-B BE SMLS T01AC03V02 S-STD <pipa010b124std> (L-7806) 2 PIPE - A106-B BE SMLS T01AC03V02 S-STD <pipa010b13std> (L-7806)</pipa010b13std></pipa010b124std>				24 3	I117907 I117921	3.8 M 0.3 M	
### FITTINGS  3 STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <teba200f326152615> (L-6955)</teba200f326152615>				24X24	1129150	1	
4 REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD				24X1.1/2	I1651320	1	
<soka300lb02613> (L-343) 5 REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <soka200lb02613> (L-242)</soka200lb02613></soka300lb02613>				24X3/4	I1651367	1	
<soka300lb02611> (L-343) 6 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD &lt;90LA200F324STD&gt; (L-7955)</soka300lb02611>				24	1128581	1	
FLANGES 7 WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <wnfa 1524std="" 300r=""> (L.149)</wnfa>				24	I4067800	2	
<wnfa300r1524std> (L-149) WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <wnfa300r153std> (L-149)</wnfa300r153std></wnfa300r1524std>				3	I4217820	1	
PIPE SUPPORTS							
9 SPECIALITY SUPPORT - SP-001				24	5030	1	
10 WELDED EXTENSIONS-EW06 DN2 = 14 L = 800				24	5030	1	
11 WELDED GUIDE-C4G1 H = 250 L = 300  12 PIPINIG SUPPORT - REAMS, RE03 HEA200				24 24	5247 5247	1	
12 PIPING SUPPORT - BEAMS- BE03 HEA200 PIPE				∠ <del>'1</del>	5247	1	
13 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a111 2xs=""> (L-6679)  <u>FITTINGS</u></pipa010a111>				1.1/2	I132809	0.2 M	
14 REINFORCED BRANCH 90 DEGREES <> () FLANGES				24X3	A1Y90	1	
15 SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS   SWFA300R1511/2XS> (L-295)   GASKETS				1.1/2	15378345	1	
16 FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5				24	I1169044	1	
G02HDP2QR01 <nmgq009r1fc24> (L-NMG11)  17 FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5  G02HDP2QR01 <nmgq009r1fc2> (L-NMG11)</nmgq009r1fc2></nmgq009r1fc24>				3	I1169032	1	
G02HDP2QR01 <nmgq009r1fc3> (L-NMG11)  18 INSULATION KIT MFTR STD / ASME B16.21 150# RF GRE  (G-11)+ PTFE SS PRES ENRG SPIRAL SPRING SEAL INS.KIT ASME B16.5  G11CDBT0305 <n a=""> (N/A)</n></nmgq009r1fc3>				1.1/2	19763862	1	
BOLTS							
19 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 <sb2r51g11 4="" 463=""> - 2 NUTS PER BOLT - 175 mm Length  20 STUD BOLTS&amp;NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301</sb2r51g11>				1.1/4	15343825		
<sb2r51g5 2="" 831=""> - 2 NUTS PER BOLT - 90 mm Length</sb2r51g5>				5/8	153437440 4		
21 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <8B2R51G1/231/2> - 2 NUTS PER BOLT - 85 mm Length				1/2	15343723	4 4	
VALVES / IN-LINE ITEMS.  22 BALL V-FLT-SS-RB BS EN ISO 17292 150# A216-WCB RFFE 304/R-PTFE, GF B7/2H  125 - 250 AARH 2PSB-RED BORE FLOATING BALL LE ASME B16.5 V1RFDC29B1V NREQI				3	12498375 1		
<b43l-al107> (L-AL107) INSTRUMENTS</b43l-al107>							
23 INSTRUMENT COMPONENT				1.1/2	19-TE-40	13 1	
PIPE MATERIAL	NOTES: 1. FO	R TECHNICAL	DETAILS SEE LINE LIST.				
CS	Province Details deleted by:     Province Details deleted by:     Province Details See 45-L-45-000-2-00-80102.						
CS HEAT TREATMENT (PWHT)	WELDING ACCORDING TO 45-L-45-000-2-00-80021.     PAINTING ACCORDING TO 45-A-45-000-1-00-20160.						
N PAINTING SCHEME (3)				PSOL UNICODE. "~N/A>" MEANS UNICODE IS "NOT AVAILABLE".  ING NUMBER: PROJECT:			
1 PIPING CLASS	CONTRACTOR:		CONTRACTOR DRAWIN			4001008	
B-1 WELDING CLASS (4)	Tecnimont Tecnimont TETT-AIT-DL-2121C W340002-3						
E PED CATEGORY	LOW LINEAL DENSITY POLYETHILENE (PEL)  AND POLYPROPYLENE (PP) PLANTS  FOR PROJECT - ALBA PROJECT  CLIENT / COMPLEX  REPSOL POLYMEROS/ SINES INDISTRIBLE COMPLEY						
III INSULATION CODE / THK. (mm)	REPSOL			KOJEC I	S	INES INDUSTRIAL	REV.
()	ANNEX	SPEC.	DRAWING NUMBER	. 0101	CMC 100	202.2	02

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 ✗, 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.

on Iso list of relevant CWA ISOMETRIC DRAWING LINE 24"-CWS-40G02-B-1 (P)

APPROVED FOR CONSTRUCTION

SPEC. L DRAWING NUMBER 19-000-2-02-00001 sheet 2121CWS40G02-3

FILENAME: 19-000-2-02-00001 sheet 2121CWS40G02-3.dwg