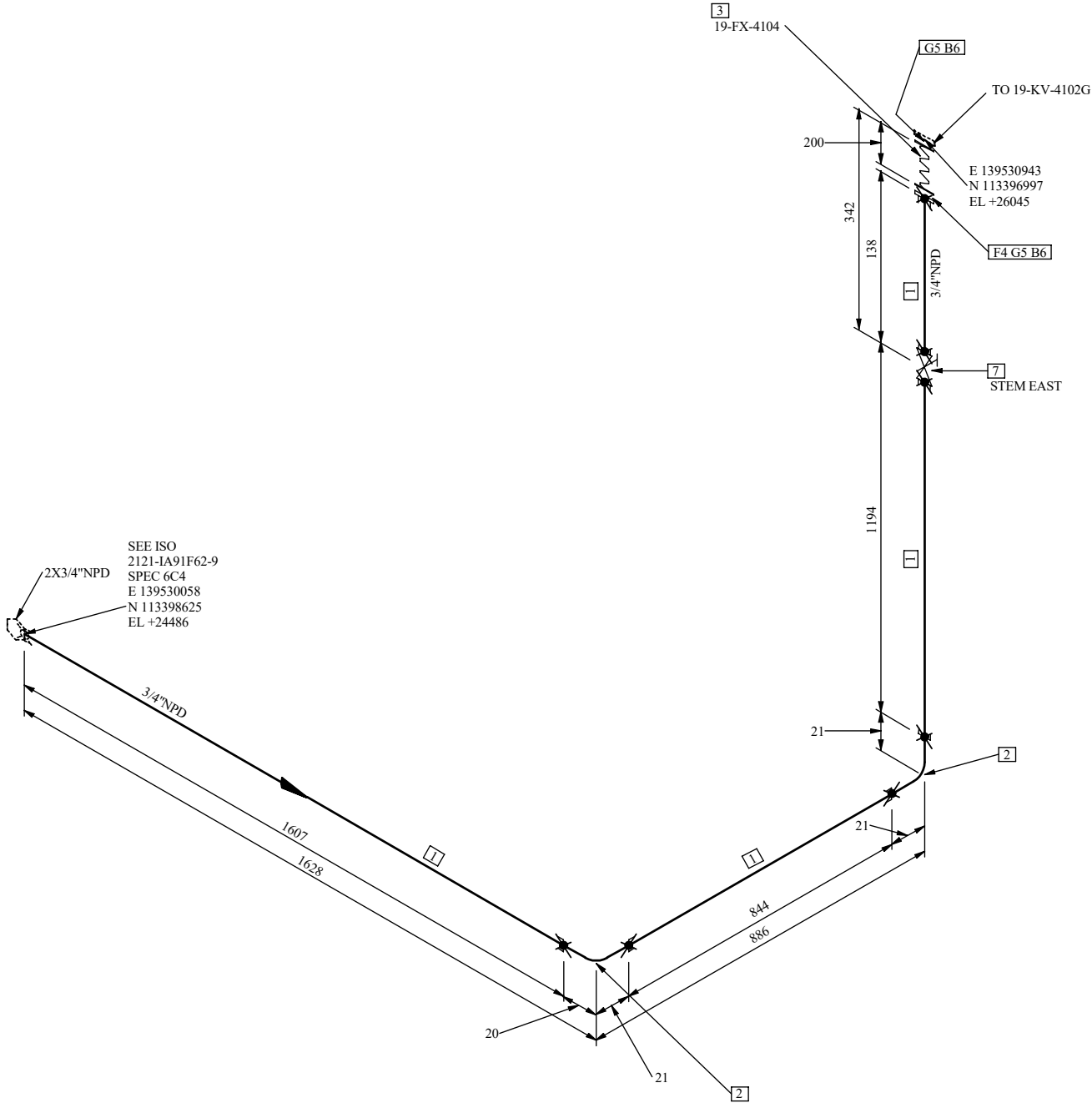




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EXTR. DATE: 09-12-2023 08:35:24

STREAM NO.:3250 STREAM REV. NO. : 10 REV. CAUSE ID: 23



BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S <PIPB04DA23/440S> (L-PIP111)	3/4	I2257938	3.8 M	
FITTINGS					
2	90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREQD <90FB450LBK3/4> (L-90F05)	3/4	I2258116	2	
3	SPECIALTY COMPONENT	3/4	19-FX-4104	1	
FLANGES					
4	SW FLANGE ASME B16.5 150# A182-F304/304L DUAL GR RFFE SWE 125 - 250 AARH F02CDL2AB105 S-40S <SWFB450R153/440S> (L-SWF30)	3/4	I2260362	1	
GASKETS					
5	SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GDP11S04 <N/A> (N/A)	3/4	I1654481	2	
BOLTS					
6	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B8M CL2/A194-8MA INCH SIZE I01OB1601 <SB2R58G1/221/2> - 2 NUTS PER BOLT - 65 mm Length	1/2	I63801410	8	
VALVES / IN-LINE ITEMS					
7	GATE VALVE API 602 800# A182-F316/316L DUAL GR SWE SWE 12-316&HF API 602 A193-B8M CL2/8MA BB-OS&Y SOW API 602 HW V01GIL1M114N NREQD <G63_4L-AL021> (L-AL021)	3/4	I3404186	1	

<div>REMARKS FOR MECHANICAL SUBCONTRACTOR:</div> <div>1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.</div> <div>2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.</div> <div>3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✕ , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT</div> <div>4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.</div> <div>5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.</div> <div>6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.</div> <div>7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.</div> <div>8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).</div> <div>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 FEB19.</div>							<div>ISSUED FOR REFERENCE</div>		<div>PIPE MATERIAL</div> <div>304, dual grade</div> <div>HEAT TREATMENT (PWHIT)</div> <div>N</div>		<div>NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.</div> <div>2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.</div> <div>3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.</div> <div>4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.</div> <div>5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "~N/A~" MEANS UNICODE IS "NOT AVAILABLE".</div>					
<div>SUPPORTS LEGEND:</div> <div><div>□</div>DENOTES PARTS LIST NO</div> <div><div>—</div>PIPE SUPPORT</div> <div><div>A=RESTING SUPPORT</div><div>G=GUIDE</div><div>F=AXIAL STOP</div><div>B=ANCHOR</div><div>M=SPRING</div><div>S=TEFLON PAD</div></div> <div>WHERE <div>□</div> WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.</div>							<div>Signature for construction is shown on Iso list of relevant CWA</div>		<div>CONTRACTOR:</div> <div><div></div>Tecnimont</div>		<div>CONTRACTOR DRAWING NUMBER:</div> <div>4274-XH-DL-2121IA91F0V-1</div>		<div>PROJECT:</div> <div>4001008</div>			
<div>PAINTING SCHEME (3)</div> <div>NR</div>							<div>PIPING CLASS</div> <div>6C4</div>		<div>WELDING CLASS (4)</div> <div>M</div>		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS</div> <div><div></div>REPSOL</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>					
<div>PED CATEGORY</div> <div>Art 4.3</div>							<div>INSULATION CODE / THK. (mm)</div> <div>N0</div>		<div>ANNEX</div> <div>19</div>		<div>SPEC.</div> <div>L</div>		<div>DRAWING NUMBER</div> <div>19-000-2-02-00001 sheet 2121IA91F0V-1</div>		<div>REV.</div> <div>01</div>	
<div>STRESS CALC. Nº</div> <div>-</div> <div>P & ID</div> <div>19-A-19-000-1-01-00001 sheet 106</div> <div>LINE LIST Nº</div> <div>19-L-19-000-2-00-80602</div> <div>PIPE LAYOUT Nº</div> <div>19-L-19-000-2-00-86197 sheet 6</div>							<div>TITLE</div> <div>ISOMETRIC DRAWING LINE</div> <div>3/4"-IA-91F0V-6C4</div>									