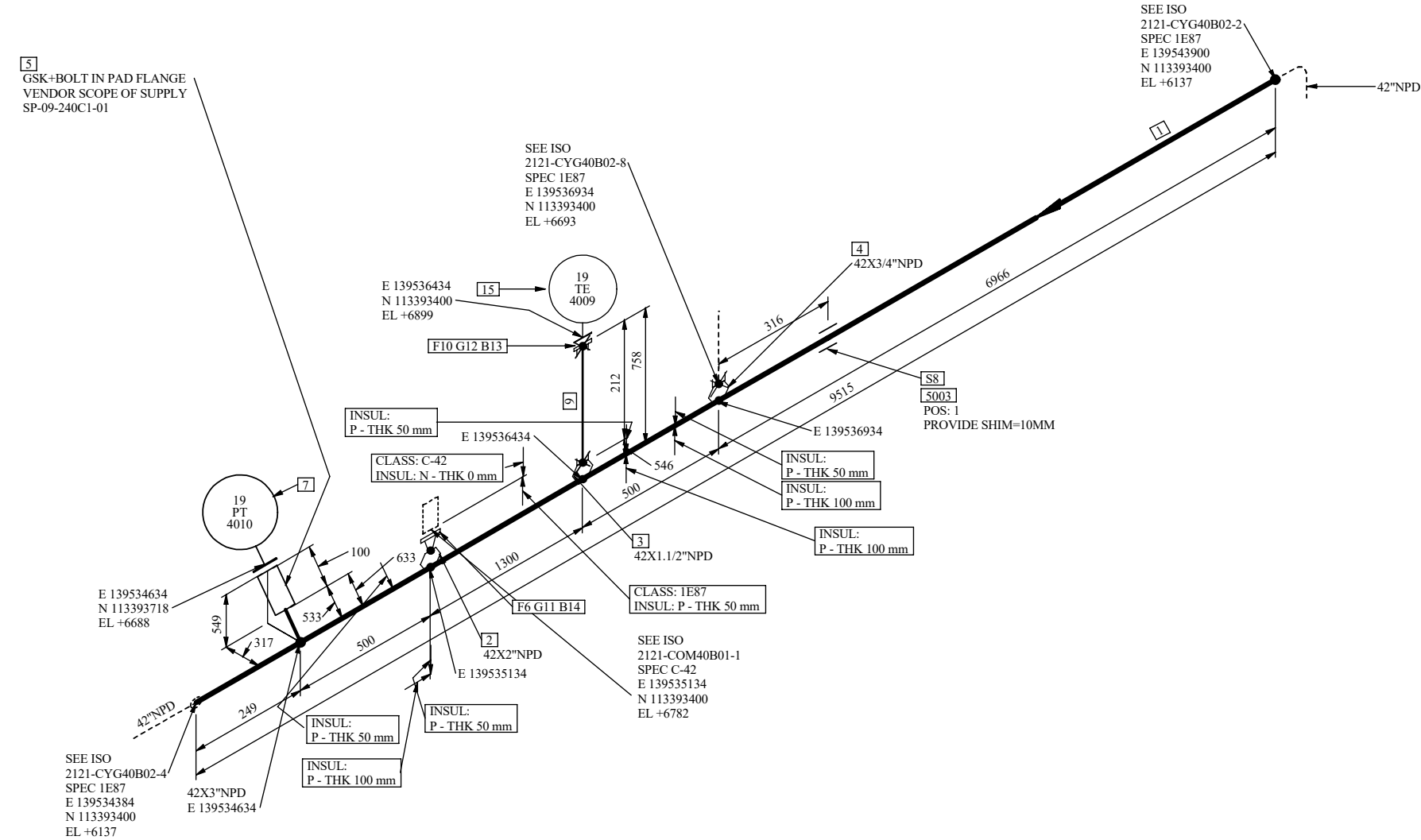


STREAM NO.: 4510 STREAM REV. NO.: 7 REV. CAUSE ID:

STREAM NO.: 4510 STREAM REV. NO.: 7

EXTR. DATE: 03-02-2023 13:25:33



BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A671-CC60 BE EFW CL.22 SUPPL. REQ. S2 T01AC27V10 S-20.62 <PIPA030B1420.812> (L-PIP119)	42	I63792632	9.6 M	
FITTINGS					
2	REDUCING WELDOLET MSS-SP-97 A105N BE - C35DC44V01 S-20.62 S-STD <WOLA300F035401415> (L-6634)	42X2	I63793791	1	
3	REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB03513> (L-343)	42X1.1/2	I7843541	1	
4	REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB03511> (L-343)	42X3/4	I7843539	1	
5	SPECIALTY COMPONENT	3	SP-09-240C1-01	1	
FLANGES					
6	WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD <WNFA300R352STD> (L-236)	2	I5355797	1	
INSTRUMENTS					
7	INSTRUMENT COMPONENT	3	19-PT-4010	1	
PIPE SUPPORTS					
8	RESTING SHOE WELDED -C4A1 H = 150 L = 400	42	5003	1	
PIPE					
9	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A111/2XS> (L-6679)	1.1/2	I132809	0.2 M	
FLANGES					
10	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R3511/2XS> (L-375)	1.1/2	I9762192	1	
GASKETS					
11	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAFOIL CARBON STEEL SS 316 ASME B16.5 G03GFP1IQ01 <SPAQ504R3EA2> (L-SPA01)	2	I60205410	1	
12	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAFOIL CARBON STEEL SS 316 ASME B16.5 G03GFP1IQ01 <SPAQ504R3EA11/2> (L-SPA01)	1.1/2	I60205409	1	
BOLTS					
13	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G3/431/2> - 2 NUTS PER BOLT - 90 mm Length	3/4	I53437635	4	
14	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/841/4> - 2 NUTS PER BOLT - 105 mm Length	5/8	I53437269	8	
INSTRUMENTS					
15	INSTRUMENT COMPONENT	1.1/2	19-TE-4009	1	
PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 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. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".			
CS					
HEAT TREATMENT (PWHT)					
N					
PAINTING SCHEME (3)					
1					
PIPING CLASS					
1E87					
WELDING CLASS (4)					
A-1					
PED CATEGORY					
III					
INSULATION CODE / THK. (mm)					
P 100					