

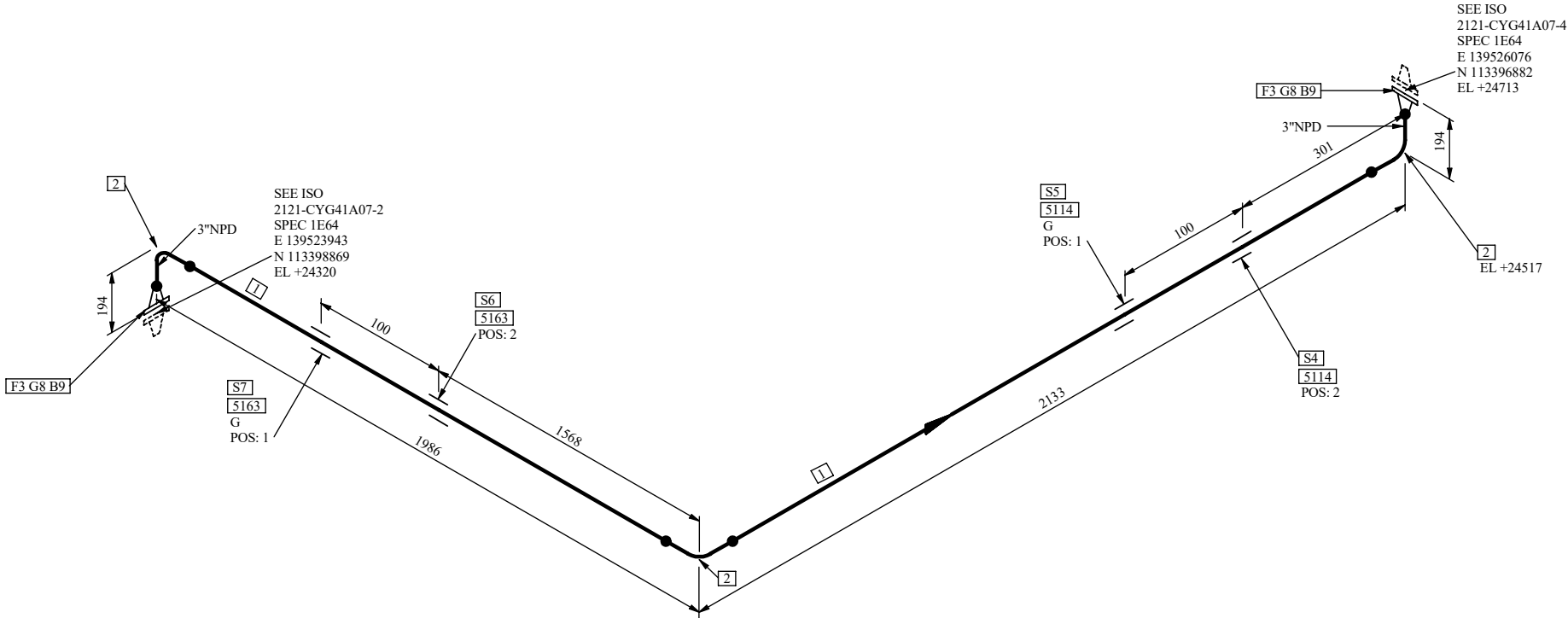
THIS DOCUMENT BELONGS TO REPSOL. IT CAN NOT BE COPIED, REPRODUCED AND/OR USED WITHOUT PREVIOUS AUTHORIZATION OF REPSOL. COMPUTERIZED DRAWING (HANDWRITING STRICTLY FORBIDDEN).

EXTR. DATE: 25-11-2022 10:18:48

STREAM NO.:4530

REV. CAUSE ID:

REV. NO. : 6



BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806)	3	I117921	3.7 M	
FITTINGS					
2	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)	3	I128599	3	
FLANGES					
3	WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD <WNFA300R353STD> (L-236)	3	I4217853	2	
PIPE SUPPORTS					
4	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	5114	1	
5	WELDED GUIDE-C1G1 H = 100 L = 300	3	5114	1	
6	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	5163	1	
7	WELDED GUIDE-C1G1 H = 100 L = 300	3	5163	1	
GASKETS					
8	SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME B16.5 G03GFB11G12 <SPAQ505R3EA3> (L-SPA05)	3	I63598763	2	
BOLTS					
9	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G3/441/4> - 2 NUTS PER BOLT - 110 mm Length	3/4	I53437465	16	

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. 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.						
SUPPORTS LEGEND: ☐ DENOTES PARTS LIST NO — PIPE SUPPORT — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE ☐ WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.						
						STRESS CALC. N° REP-PE-003
						P & ID 19-A-19-000-1-01-00001 sheet 52
00	ISSUED FOR CONSTRUCTION	25-NOV-22	M.YADAV	P.VAZE	G.PAGANONI	LINE LIST N° 19-L-19-000-2-00-80602
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT 19-L-19-000-2-00-86197 sheet 6

APPROVED FOR CONSTRUCTION Signature for construction is shown on Iso list of relevant CWA		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			
ISOMETRIC DRAWING LINE 3"-CYG-41A07-1E64 (P)		PAINTING SCHEME (3)	1	CONTRACTOR:	CONTRACTOR DRAWING NUMBER:
		PIPING CLASS	1E64		4274-XH-DL-2121CYG41A07-3
		WELDING CLASS (4)	A-5	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT	
		PED CATEGORY	II		
		INSULATION CODE / THK. (mm)	P 00	ANNEX 19	SPEC. L
				DRAWING NUMBER	19-000-2-02-00001 sheet 2121CYG41A07-3
					REV. 00