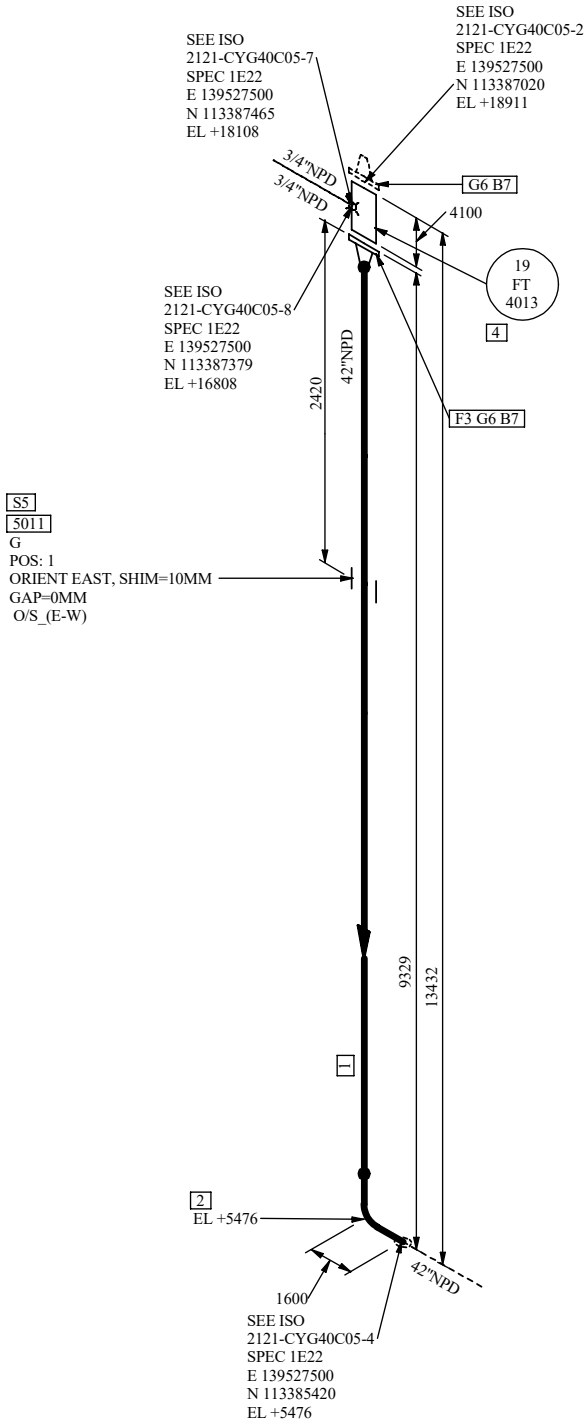


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EXTR. DATE: 16-06-2023 16:50:11      STREAM NO.:4512      STREAM REV. NO. : 9      REV. CAUSE ID:



**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:**    S DENOTES PARTS LIST NO    PIPE SUPPORT       A=RESTING SUPPORT    G=GUIDE    F=AXIAL STOP    B=ANCHOR    M=SPRING    S=TEFLON PAD  
WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

							STRESS CALC. N° REP-PE-001
							P & ID 19-A-19-000-1-01-00001 sheet 29
00	ISSUED FOR CONSTRUCTION	16-JUN-2023	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	PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 2



APPROVED FOR  
CONSTRUCTION

Signature for construction is shown  
on Iso list of relevant CWA

ISOMETRIC DRAWING  
LINE

42"-CYG-40C05-1E22 (PS)

BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
<b>PIPE</b>					
1	PIPE - A672-C60 BE EFW CL.22 T01AC24V44 S-15.88 <PIPA0C0B1420.625> (L-PIP63)	42	I63598453	7.6 M	
<b>FITTINGS</b>					
2	90 LR ELBOW ASME B16.9 A234-WPB BE WELD C01DC04V02 S-15.88 <90LA20WF3420.625> (L-90L24-W)	42	I2216399	1	
<b>FLANGES</b>					
3	WN FLANGE ASME B16.47-B 300# A105N RFFE BE 125 - 250 AARH F01MFC44BV05 S-15.88 <WNFA300R36420.625> (L-8519)	42	I9805987	1	
<b>INSTRUMENTS</b>					
4	INSTRUMENT COMPONENT	42	I19-FT-4013	1	
<b>PIPE SUPPORTS</b>					
5	WELDED GUIDE-C4G4 H = 150 L = 400	42	I5011	1	
<b>GASKETS</b>					
6	JACKETED GASKET ASME B16.20 300# RFFE SS 316 / GRAPHOIL Gr. GTH 125 - 250 AARH 3.2 mmTHICK 3 PLY CORRUGATED ASME B16.47-B - G04GFB3BE02 <N/A> (N/A)	42	I19806431	2	
<b>BOLTS</b>					
7	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G13/4133/4> - 2 NUTS PER BOLT - 355 mm Length	1.3/4	I153439069	72	

PIPE MATERIAL		<b>NOTES:</b> 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 (PWHIT)					
N					
PAINTING SCHEME (3)			CONTRACTOR DRAWING NUMBER:  4274-XH-DL-2121CYG40C05-3	PROJECT:  4001008	
20					
PIPING CLASS					
1E22					
WELDING CLASS (4)		 <div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>			
E-1					
PED CATEGORY					
III					
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121CYG40C05-3	REV. <b>00</b>
PS 50					