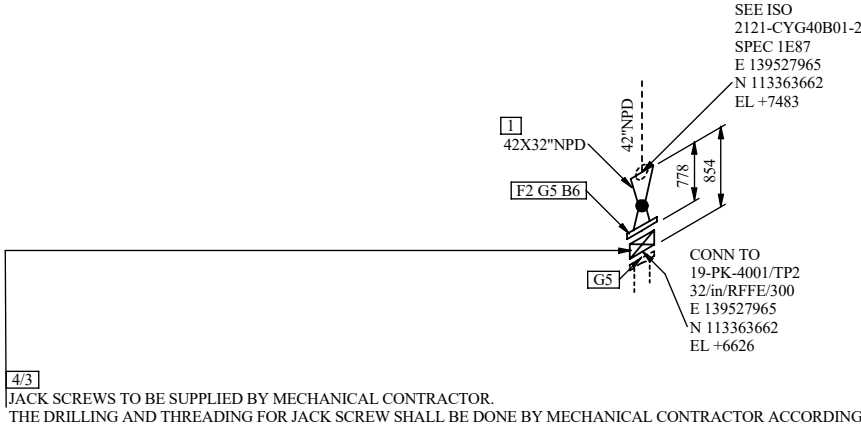


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EXTR. DATE: 21-07-2023 20:10:24

STREAM NO.:4510

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:  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-001
							P & ID 19-A-19-000-1-01-00001 sheet 29
00	ISSUED FOR CONSTRUCTION	21-JUL-23	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-19-000-2-00-86192 sheet 2

APPROVED FOR
CONSTRUCTION

Signature for construction is shown
on Iso list of relevant CWA


ISOMETRIC DRAWING
LINE

32"-CYG-40B01-1E87 (PS)

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
FITTINGS					
1	CONCENTRIC REDUCER ASME B16.9 A420-WPL6 BE WELD C21DC09V02 S-20.62 S-XS <CREL21WF335403016> (L-CRE02-W)	42X32	I64959052	1	
FLANGES					
2	WN FLANGE ASME B16.47-B 300# A105N RFFE BE 125 - 250 AARH F01MFC44BV05 S-XS <WNFA300R3632XS> (L-8519)	32	I9805946	1	
MISCELLANEOUS COMPONENTS					
3	SPACER RING YH-ST-D05 300# A516-70 NORM. FFTBE 125 - 250 AARH SUPPL. REQ. S5 ASME B16.47-B D0505FC65O07 <N/A> (N/A)	32	I63463474	1	
FITTINGS					
4	BLIND DISC YH-ST-D05 300# A516-70 NORM. FFTBE 125 - 250 AARH SUPPL. REQ. S5 ASME B16.47-B D0405FC65O07 NREQD <N/A> (N/A)	32	I63463456	1	
GASKETS					
5	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)	32	I64805877	2	
BOLTS					
6	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <> - 2 NUTS PER BOLT - 385 mm Length	1.1/2	I65397372	32	

- 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".

CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
	4274-XH-DL-2121CYG40B01-1	4001008

LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX
REPSOL POLYMEROS/
SINES INDUSTRIAL COMPLEX

ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121CYG40B01-1	REV. 00
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