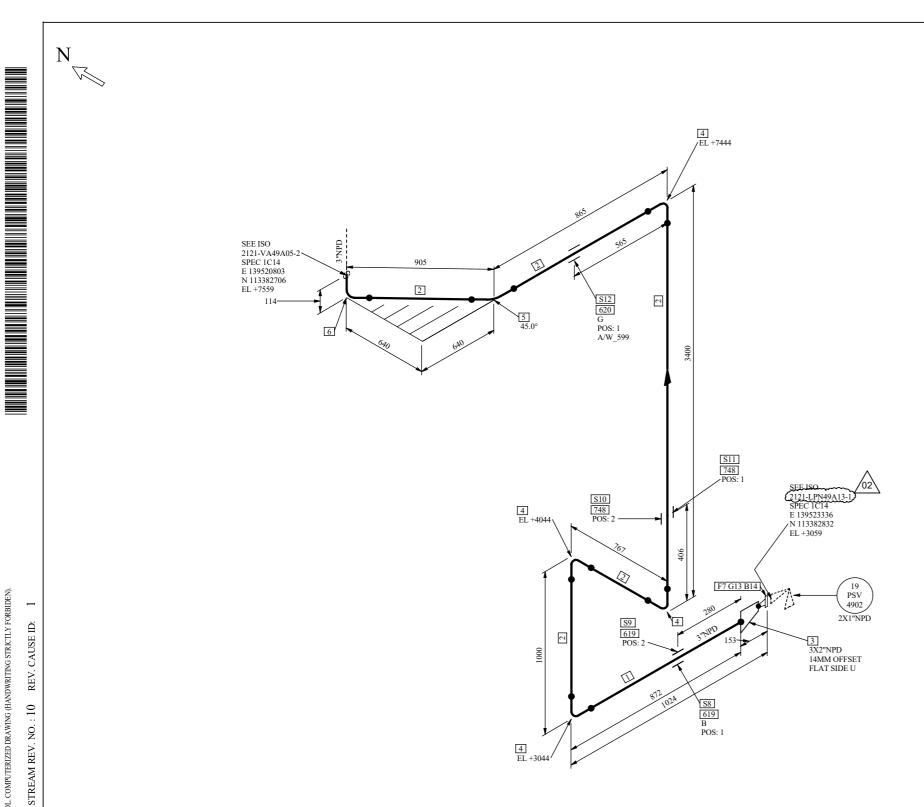
REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B13STD > (L-7806) I117921 0.8 M PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B13STD > (L-7806) I117921 6.0 M ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD I128082 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> I128599 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD <45LA200F33STD> I201301 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> I128599  $(L_{-}7955)$ LANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD 15355795 <WNFA300R152STD> (L-149). PIPE SUPPORTS GUIDE AND STOP HORIZ VERT SUPPORT-N1B1 WELDED BRACKET TO STRUCT. SB01 HEA100 619 0 WELDED BRACKET TO STRUCT. SB02 L100X100X10 748 11 U BOLT (FOR GUIDE)-P02D 12 STANDARD GUIDE FOR NOT INS, PIPING-N1G1 620 GASKETS 13 SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME 2 I2230484 B16.5 G03GDB1IG12 < SPAQ505R1EA2 > (L-SPA04) 14 STUD BOLTS&NUTS ASME B18 31 2/ B18 2 2 A193-B7/A194-2H INCH SIZE 1010B0301 153437429 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length

	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 WEITOH 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.								
$\infty$									
<b>Э</b>	6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.								1
4	7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.								ı
3	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.								5
23	TINDANGTES IN DETAIN PIPE — A = RESTING SUPPORT G = GIIDE F = AVIAL STOP R = AVIA								
<u> </u>	SUPPORTS LEGEND:  Denotes Parts List no PIPE — 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.								į.
7									$\vdash$
								STRESS CALC. Nº	TI
01-	02	ISSUED FOR CONSTRUCTION	01-DEC-23	U.CHAVAN	P.VAZE	G.PAGANONI		-	١,
_		VACUUED FOR CONSTRUCTION	10 1110 22		B 111 7F	a n. a		P & ID	
. DATE:	01	ISSUED FOR CONSTRUCTION	10-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-A-19-000-1-01-00001 sheet 57	
	00	ISSUED FOR CONSTRUCTION	24-FEB-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	
								19-L-19-000-2-00-80602	
E.								PIPE LAYOUT Nº	
EX	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 3	

CONSTRUCTION Signature for construction is shown on Iso list of relevant CWA

APPROVED FOR

PIPE MATERIAL

PIPING CLASS

HEAT TREATMENT (PWHT)

CS

ISOMETRIC DRAWING LINE

3"-VA-49A05-1C14

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

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

4274-XH-DL-2121VA49A05-1 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

FOR PROJECT - ALBA PROJECT Art 4.3 REPSQL INSULATION CODE / THK. (mm) ANNEX DRAWING NUMBER 19-000-2-02-00001 sheet 2121VA49A05-1