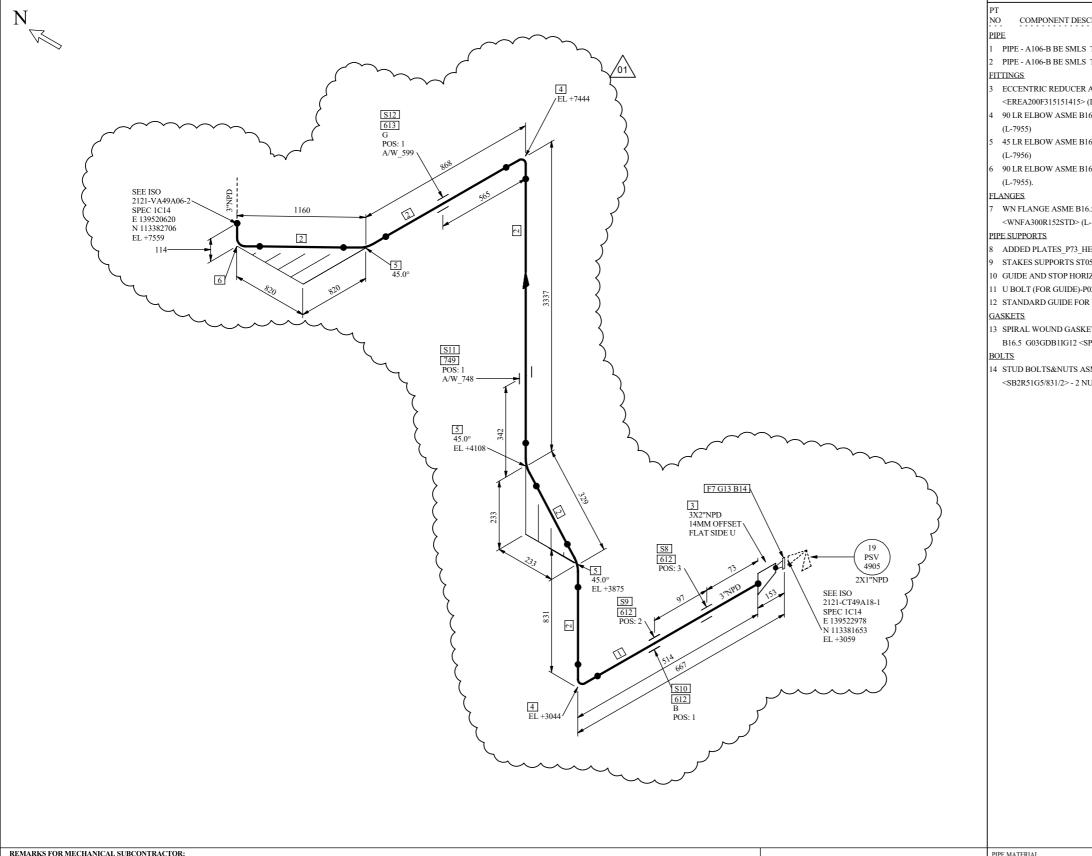
REV. CAUSE ID:

STREAM REV. NO.: 10

STREAM NO.:4406



BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION QTY ITEM CODE PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B13STD > (L-7806) I117921 0.4 M PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B13STD > (L-7806) I117921 5.8 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 WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD 15355795 <WNFA300R152STD> (L-149). ADDED PLATES P73 HE 200A 612 STAKES SUPPORTS ST05 HEA120 612 10 GUIDE AND STOP HORIZ VERT SUPPORT-N1B1 612 11 U BOLT (FOR GUIDE)-P02D 12 STANDARD GUIDE FOR NOT INS. PIPING-N1G1 613 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 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 CS 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021 HEAT TREATMENT (PWHT) 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: PIPING CLASS 4001008 4274-XH-DL-2121VA49A06-1 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS REPSOL POLYMEROS/ PED CATEGORY FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX Art 4.3 REPSQL INSULATION CODE / THK. (mm) ANNEX DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121VA49A06-1

REMARKS FOR MECHANICAL SUBCONTRA	CTOR:
1) LINES 1.1/2" AND SMALLER SHALL BE SUPP	ORTED

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

SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RESTING SUPPORT G=GUIDE F=AXIALSTOP WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEAN							TOP B=ANCHOR M=SPRING S=TEFLON PAD BEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.			
									STRESS CALC. Nº	TITL
									-	T.
i	01	ISSUED FOR CONSTRUCTION		10-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 57	13
	00	ISSUED FOR CONSTRUCTION		24-FEB-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
	REV.	DESCRIPTION		DATE	DRW. BY	CHECK BY	APPR. BY		PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 1	

APPROVED FOR CONSTRUCTION

Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

3"-VA-49A06-1C14

FILENAME: 19-000-2-02-00001 sheet 2121VA49A06-1.dwg