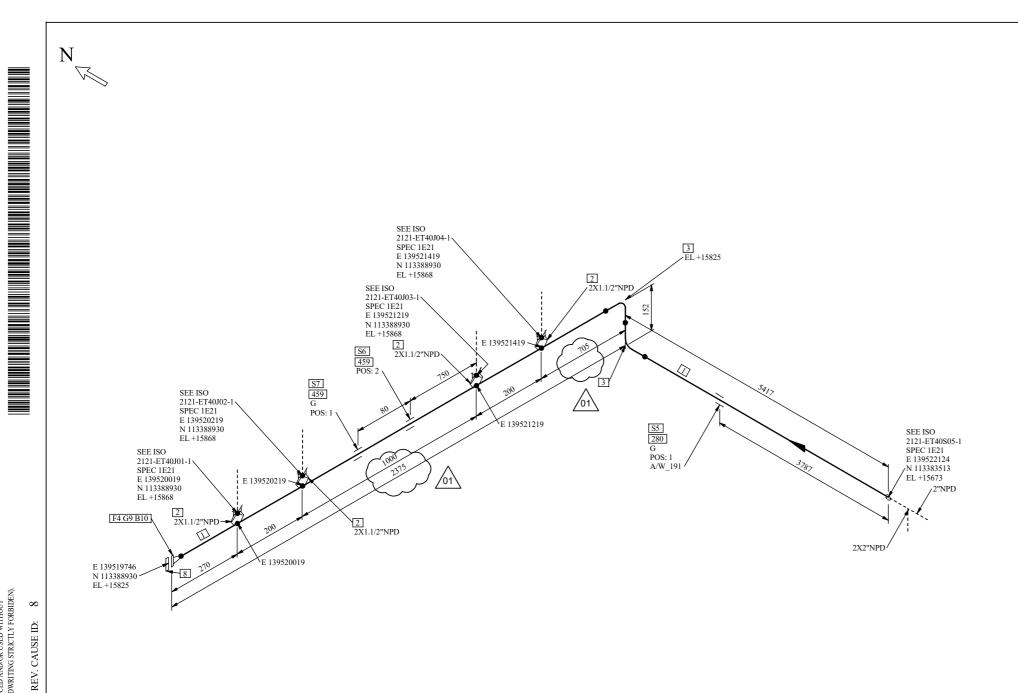
STREAM REV. NO.: 10

STREAM NO.:4005

REMARKS FOR MECHANICAL SUBCONTRACTOR:



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B12STD > (L-7806) I117862 FITTINGS REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD 17843413 <SOKA300LB01413> (L-343) 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> I128529 (L-7955) FLANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD 15355797 <WNFA300R352STD> (L-236) STANDARD GUIDE FOR NOT INS. PIPING-N1G1 280 VERTICAL STAKES WELDED TO STR. ST42 L80X80X10 459 STANDARD GUIDE FOR NOT INS. PIPING-N1G1 459 BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652384 <BLFA300R352> (L-143) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 2 163508961 ASME B16.5 G03GFP1IS12 < N/A> (N/A) 0 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437440 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length

	I) LIN	LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.							
		DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL E							
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.									1
,		SSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-000000002.							
:		SSING 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.									
							ED LOOF LAND EDGLG		
							FEA005 AND FE019.	J S	
SUPPORTS LECEND. [IDENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEPLON PAD							FLON PAD		
ì	SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEHLONPAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								
,								STRESS CALC, Nº	TI
2									***
2								-	J 1
	01	ISSUED FOR CONSTRUCTION	22-MAR-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID]
i	01	ISSOED FOR CONSTRUCTION		W.TADA V	1.VAZE	G.I AGANONI		19-A-19-000-1-01-00001 sheet 47	
		ISSUED FOR CONSTRUCTION		U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	1
)	00							19-L-19-000-2-00-80602	
1								PIPE LAYOUT N°	1
: 1	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT		
į į								19-L-19-000-2-00-86197 sheet 5	

Signature for construction is shown on Iso list of relevant CWA ISOMETRIC DRAWING

2"-ET-40S05-1E21

APPROVED FOR CONSTRUCTION

LINE

PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.					
		FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.					
CS HEAT TREATMENT (PWHT)		 WELDING ACCORDING TO 45-L-45-000-2-00-80021. 					
		 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"

PAINTING SCHEME (3) CONTRACTOR DRAWING NUMBER: CONTRACTOR: PROJECT:

4001008 PIPING CLASS 4274-XH-DL-2121ET40S05-2 1E21 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

REPSQL

ANNEX

INSULATION CODE / THK. (mm)

CLIENT / COMPLEX REPSOL POLYMEROS/ FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX

DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121ET40S05-2