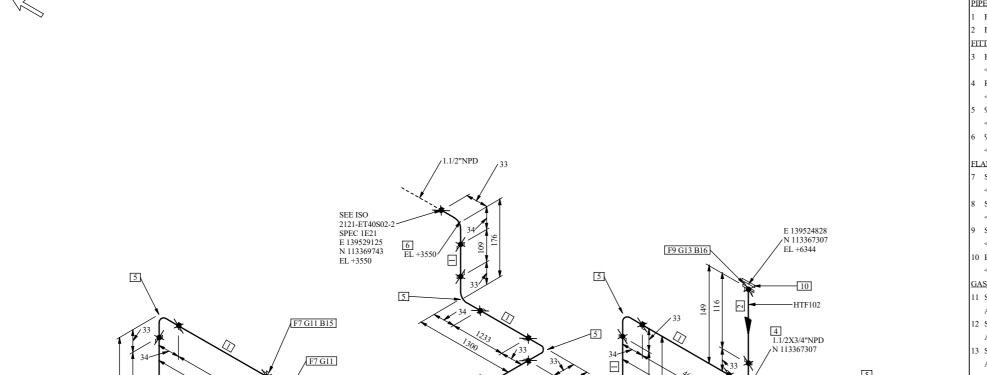
REV. CAUSE ID:

STREAM REV. NO.: 10

STREAM NO::4005

REMARKS FOR MECHANICAL SUBCONTRACTOR:



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE STATUS (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A111/2XS> (L-6679) 1.1/2 I132809 11.6 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) 3/4 I132785 0.1 M ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 1.1/2X1 162946435 <ESWA010AR13161216> (L-ESW31) REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREOD 1.1/2X3/4 I1651306 <RTEA300KBK11/23/4> (L-RTE15) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651297 <90FA300LBK11/2>(L-178) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651297 <90FA300LBK11/2>(L-178). LANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 1.1/2 19762192 <SWFA300R3511/2XS> (L-375) SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS I4217823 <SWFA300R351XS>(L-375) SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762190 <SWFA300R353/4XS> (L-375) 0 BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652375 <BLFA300R353/4> (L-143) SASKETS 1 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1.1/2 163508953 ASME B16.5 G03GFP1IS12 < N/A > (N/A) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 16350895 ASME B16.5 G03GFP1IS12 < N/A > (N/A) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 3/4 163508950 ASME B16.5 G03GFP1IS12 < N/A > (N/A) 14 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437635 <SB2R51G3/431/2> - 2 NUTS PER BOLT - 90 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437472 <SB2R51G3/453/4> - 2 NUTS PER BOLT - 145 mm Length 153437418 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length ALVES / IN-LINE ITEMS DISC CHECK WFR VALVE ASME B16.34 300# A216-WCB RFTBE 316/R-PTFE, GF 125 -110208506 250 AARH SI, VERTICAL&HORIZONTAL CRACK, PRESS, 1/2 PSI ASME B16.5 INSTRUMENTS 8 INSTRUMENT COMPONENT 19-HV-4029A 1

1) L	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.							
9) W	7) WHERE EARTHING BUNDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO FERTORM IT DASED ON DOC. 43-P-000-7-000-00002 42/4 - NN-DW-00000002 AND ASSEMBLT NO FEATURE FOR THE PROPERTY OF THE PROPERT							
CLID	SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A = RESTING SUPPORT G = GUIDE F = AXIAL STOP B = ANCHOR M = SPRING S = TEFLON PAD WHIPE DAY THE DESCRIPTION OF THE STEPLOT IN CONSTRUCT OF THE STEPLOT OF TH							
SUL	SUPPORTS LEGEND: [I]DENOIS PARISLISINO SUPPORT							
							STRESS CALC. Nº	TITL
							_	
								IS
01	ISSUED FOR REFERENCE	29-FEB-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID	I.
							19-A-19-000-1-01-00001 sheet 47	4
	ICCUED FOR REFERENCE			B 111 7F			LINE LIST Nº	
00	ISSUED FOR REFERENCE	14-APR-2023	M.YADAV	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	
	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	ADDD OLIENT	PIPE LAYOUT Nº	1
REV							19-L-19-000-2-00-86192 sheet 2	

ALLIGNMENT BOLTS SUPPLIED BY VALVE VENDOR

REFERENCE Signature for construction is shown

3 1.1/2X1"NPD

F8 G12 B16

CONN TO 19-PK-4001/TP-05 1/in/RFFE/300 E 139524828

N 113366100

on Iso list of relevant CWA ISOMETRIC DRAWING LINE

1-1/2"-ET-40S02-1E21

**ISSUED FOR** 

PIPING CLASS 1E21 WELDING CLASS (4) PED CATEGORY REPSQL INSULATION CODE / THK. (mm)

PIPE MATERIAL

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

CS

CONTRACTOR: 4274-XH-DL-2121ET40S02-1

ANNEX

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"

CONTRACTOR DRAWING NUMBER: PROJECT:

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

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

DRAWING NUMBER 01 19-000-2-02-00001 sheet 2121ET40S02-1