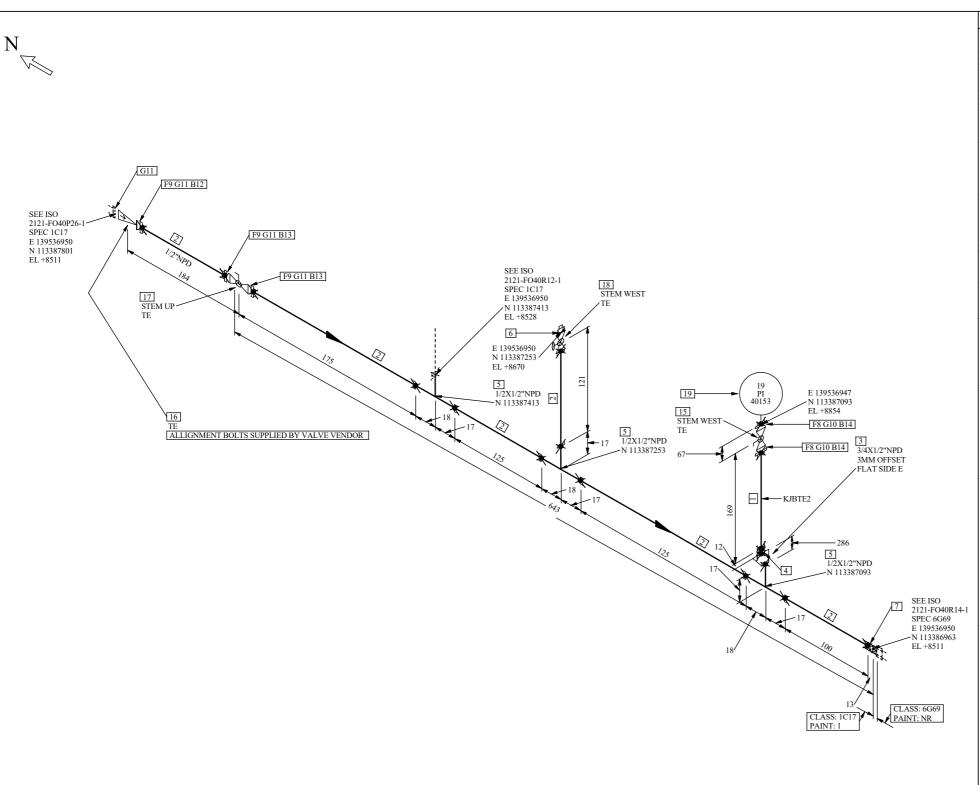
REV. CAUSE ID:

. No. : 10

STREAM REV.



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION STATUS ITEM CODE QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) 3/4 I132785 0.2 M 1/2 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679) I132777 0.7 M ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 3/4X1/2 163782592 <ESWA010AR11161016> (L-ESW31) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREOD 11651676 <FCPA300LBK3/4> (L-180) TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK1/2> 1/2X1/2 I1651299 PLUG ROUND HEAD ASME B16.11 - A105N MTE NREQD - R42FQC44W001 NREQD I10088243 <PLUA300CK1/2> (L-77) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD I1651675 <FCPA300LBK1/2> (L-180) LANGES SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS 15378342 <SWFA300R153/4XS> (L-295) SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS I5378341 <SWFA300R151/2XS> (L-295) 0 SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL CARBON STEEL SS 304 3/4 163508895 ASME B16.5 G03GDP1IS12 < N/A> (N/A) SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1/2 163508894 ASME B16.5 G03GDP1IS12 < N/A > (N/A) 12 STUD BOLTS&NUTS ASME B18 31 2/ B18 2 2 A193-B7/A194-2H INCH SIZE 101OB0301 153437223 <SB2R51G1/231/4> - 2 NUTS PER BOLT - 80 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437179 <SB2R51G1/221/2> - 2 NUTS PER BOLT - 60 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437190 <SB2R51G1/221/2> - 2 NUTS PER BOLT - 65 mm Length ALVES / IN-LINE ITEMS 5 BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 110013686 DISC CHECK WFR VALVE ASME B16.34 150# A216-WCB RFTBE 316/R-PTFE, GF 125 -110016146 250 AARH SL VERTICAL&HORIZONTAL CRACK, PRESS, 1/2 PSI ASME B16.5 V40JDC29P01 NREOD <N/A> (N/A) BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 110013685 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JDC29BZZG NREQD <N/A> (N/A) BALL VALVE ASME B16.34 800# A105N SWE FTE 316/R-PTFE, GF 3PSB-RED BORE 167130076 FLOATING BALL OHW FIRE SAFE :API 607 & ANTISTATIC DEVICES "A60T series TEAL V04JIC44126IG NREOD < N/A> (N/A) INSTRUMENTS 9 INSTRUMENT COMPONENT 19-PI-40153

35	2) ALI 3) FOR 4) FOR 5) GUS	1) LIL DIMENSION AND PROPER CONFIGURATION FOR LINES IN PS. 1.12" 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.							
2023 13:15:	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 PARTSLIST NO PIPE SUPPORT A=RESTING SUPPORT G=GUIDE F=AXIALSTOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE FAWILHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.							Si	
7-80-								STRESS CALC. Nº	TITL
								P & ID 19-A-19-000-1-01-00001 sheet 46	I
. DATE:	00	ISSUED FOR REFERENCE	25-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
EXTR.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 3	

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

LINE

3/4"-FO-40R13-1C17

ISSUED FOR

PIPING CLASS 1C17 WELDING CLASS (4) ISOMETRIC DRAWING

INSULATION CODE / THK. (mm)

PIPE MATERIAL

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

CS

CONTRACTOR: CONTRACTOR DRAWING NUMBER:

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

DRAWING NUMBER

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

4274-XH-DL-2121FO40R13-1 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT Art 4.3 REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

4001008

PROJECT:

FILENAME: 19-000-2-02-00001 sheet 2121FO40R13-1.dwg

19-000-2-02-00001 sheet 2121FO40R13-1