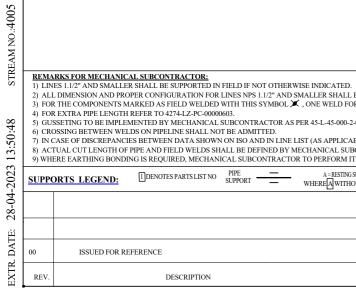
REV. CAUSE ID:

STREAM REV. NO.: 7



SEE ISO 2121-ET40S09-2 SPEC 1E21 E 139523092 -N 113388288 /3X1/2"NPD 409 F5 G7 B8 SEE ISO 2121-ET40F04-3 N 113382644 EL.+20211 HTF102 -F5 G7 B8 E 139523092 N 113383590 EL +20075

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679) I132777 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK1/2> 1/2X1/2 I1651299 (L-179) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD 11651291 <45FA300LBK1/2> (L-184) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651295 <90FA300LBK1/2>(L-178) FLANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762189 <SWFA300R351/2XS> (L-375) BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652374 <BLFA300R351/2> (L-143) ASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1/2 163508949 ASME B16.5 G03GFP1IS12 < N/A > (N/A) STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437190 <SB2R51G1/221/2> - 2 NUTS PER BOLT - 65 mm Length ALVES / IN-LINE ITEMS BALL V-FLT-SS-FB API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 I64812610 AARH 2PSB-FULL BORE FLOATING BALL OHW TIGHT SHUT-OFF (TSO) ASME B16.5

V1FJFC29BZZH NREQD <N/A> (N/A)

PIPE MATERIAL

PIPING CLASS

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

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.								
TIDENOTES PADTS LIST NO PIPE — A=RESTING SUPPORT G=GLIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD								
SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEHLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								
								STRESS CALC. Nº
								-
								P & ID
								19-A-19-000-1-01-00001 sheet 47
00	IGGLIED FOR REFERENCE		20 ADD 22	U.CHAVAN	DIVACE	C D C C L NOVI		LINE LIST Nº
00	ISSUED FOR REFERENCE		28-APR-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602
								PIPE LAYOUT Nº
REV.	DESCRIPTION		DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 5

2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.

Signature for construction is shown on Iso list of relevant CWA

1/2"-ET-40S09-1E21

**ISSUED FOR** 

REFERENCE

ISOMETRIC DRAWING LINE

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102

DRAWING NUMBER

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-2121ET40S09-1 1E21 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT Art 4.3 REPSQL

ANNEX

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

4001008

FILENAME: 19-000-2-02-00001 sheet 2121ET40S09-1.dwg

19-000-2-02-00001 sheet 2121ET40S09-1