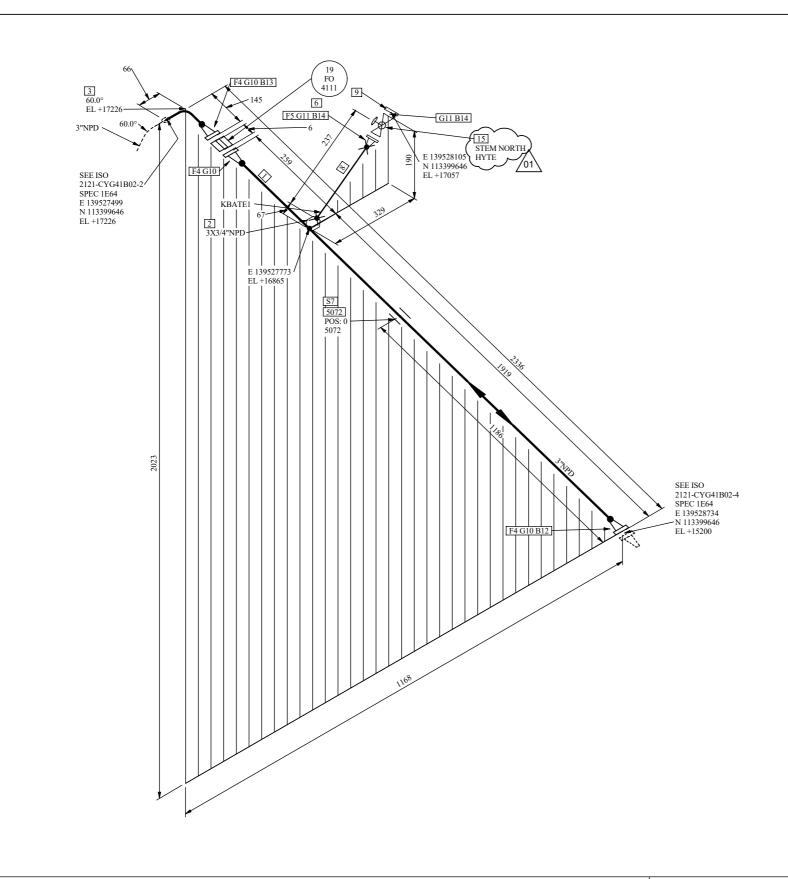
ISSUED FOR CONSTRUCTION

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DESCRIPTION



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION QTY STATUS ITEM CODE (IN) PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B13STD > (L-7806) I117921 FITTINGS REDUCING WELDOLET MSS-SP-97 A105N BE - C35DC44V01 S-STD S-XS 19762782 <WOLA300F015151116> (L-347) 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> I128599 (L-7955) FLANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD I4217853 <WNFA300R353STD>(L-236) WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 19805754 <WNFA300R353/4XS>(L-236) INSTRUMENTS INSTRUMENT COMPONENT 19-FO-4111 PIPE SUPPORTS SPECIALITY SUPPORT - SP-031 5072 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 FLANGES BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652375 <BLFA300R353/4> (L-143) GASKETS 10 SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3 163598763 B16.5 G03GFB1IG12 < SPAO505R3EA3 > (L-SPA05) SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3/4 163598745 B16.5 G03GFB1IG12 < SPAO505R3EA3/4> (L-SPA05) BOLTS 12 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437465 <SB2R51G3/441/4> - 2 NUTS PER BOLT - 110 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437467 <SB2R51G3/443/4> - 2 NUTS PER BOLT - 120 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE  $\,$  I010B0301  $\,$ I53437418 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length VALVES / IN-LINE ITEMS 5 BALL VALVE API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 164605273 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 HYDROGEN V04JFC29BZZE NREQD 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)

REMARKS FOR MECHANICAL SUBCONTRACTOR:
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.
SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUDE F=AXIAL STOP B=AXCHOR M=SPRING S=TEPLON PAD WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

24-AUG-23

27-JAN-23

U.CHAVAN

U.CHAVAN

DRW. BY

P.VAZE

P.VAZE

CHECK BY

FLONPAD L STRUCTURE.	on Iso
STRESS CALC. Nº	TITLE
REP-PE-022	ICOME
P & ID 19-A-19-000-1-01-00001 sheet 55	ISOME
LINE LIST Nº	]
19-L-19-000-2-00-80602	
PIPE LAYOUT Nº	3"-CY
19-L-19-000-2-00-86197 sheet 5	J -CT

APPR. CLIENT

G.PAGANONI

G.PAGANONI

APPR. BY

Signature for construction is shown list of relevant CWA

PAINTING SCHEME (3)

INSULATION CODE / THK. (mm)

APPROVED FOR

CONSTRUCTION

ETRIC DRAWING LINE G-41B02-1E64 (P)

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

19-000-2-02-00001 sheet 2121CYG41B02-3

CONTRACTOR DRAWING NUMBER:

PIPING CLASS 4001008 4274-XH-DL-2121CYG41B02-3 1E64 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

CONTRACTOR:

ANNEX

FOR PROJECT - ALBA PROJECT REPSQL

DRAWING NUMBER

REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

01

PROJECT: