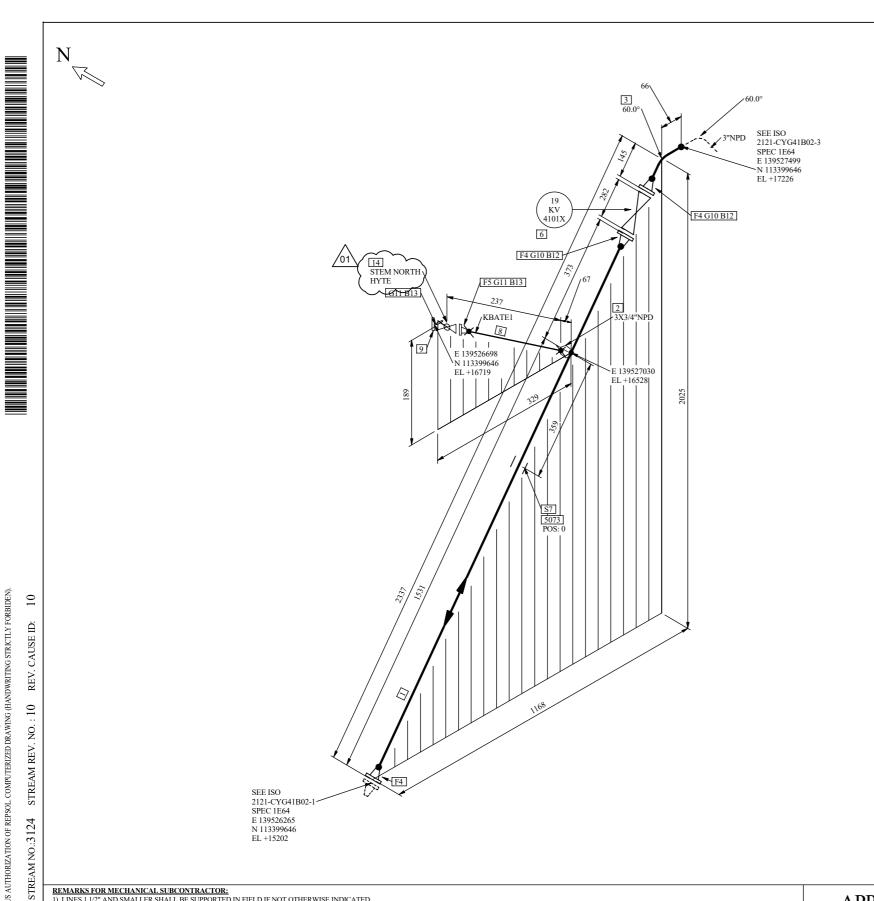
REV.

ISSUED FOR CONSTRUCTION

ISSUED FOR CONSTRUCTION

DESCRIPTION



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION STATUS ITEM CODE QTY (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) NSTRUMENTS INSTRUMENT COMPONENT 19-KV-4101X 1 PIPE SUPPORTS SPECIALITY SUPPORT - SP-030 5073 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 0.2 M 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 < SPAQ505R3EA3/4> (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 3 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 4 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

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-0000603. 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.	APPROVED FOR CONSTRUCTION
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.	Signature for construction is show
SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RESTING 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.	on Iso list of relevant CWA
STRESS CALC. Nº RFP_PF_022	TITLE

G.PAGANONI

G.PAGANONI

APPR. BY

19-A-19-000-1-01-00001 sheet 55

19-L-19-000-2-00-86197 sheet 5

19-L-19-000-2-00-80602

PIPE LAYOUT Nº

APPR. CLIENT

P.VAZE

P.VAZE

CHECK BY

24-AUG-23

27-JAN-23

U.CHAVAN

U.CHAVAN

CONSTRUCTION	CS HEAT TREATMENT (PWHT)
	PAINTING SCHEME (3)
Signature for construction is shown	1
on Iso list of relevant CWA	PIPING CLASS
TITLE	WELDING CLASS (4)
ISOMETRIC DRAWING	I
	PED CATEGORY

LINE

3"-CYG-41B02-1E64 (P)

PIPE MATERIAL

INSULATION CODE / THK. (mm)

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"

4274-XH-DL-2121CYG41B02-2

N E(3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

1E64 LOW LINEAL DENSITY POLYETHILENE (PEL) A-8 AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

DRAWING NUMBER ANNEX 01 19-000-2-02-00001 sheet 2121CYG41B02-2