23

N 113387204

8 STEM EAST

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

ISOMETRIC DRAWING

LINE

1/2"-FO-40P02-1C17

Art 4.3 INSULATION CODE / THK. (mm)

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

01

FOR PROJECT - ALBA PROJECT REPSQL

ANNEX

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

DRAWING NUMBER

BILL OF MATERIAL

COMPONENT DESCRIPTION

<45FA300LBK1/2> (L-184)

<90FA300LBK1/2>(L-178)

<SWFA300R151/2XS>(L-295)

VALVES / IN-LINE ITEMS

ASME B16.5 G03GDP1IS12 < N/A> (N/A)

<SB2R51G1/221/2> - 2 NUTS PER BOLT - 60 mm Length

FITTINGS

FLANGES

SASKETS

(L-179)

PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679)

45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD

90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD

TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD < TESA300LBK1/2>

SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS

STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301

BALL VALVE API 608 150# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH

2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JDC29BZZG NREOD <N/A> (N/A)

SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1/2

HOLD

STATUS

QTY

12.5 M

ITEM CODE

I132777

I1651299

I1651291

I1651295

I5378341

163508894

153437179

I10013685

(IN)

1/2X1/2

PIPE MATERIAL NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. **ISSUED FOR** 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) PAINTING SCHEME (3) PIPING CLASS 4001008 4274-XH-DL-2121FO40P02-2 1C17 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

E 139532040 N 113386900 EL +9829 2121-FO40P02-5 N 113387346 SEE ISO 2 1/2X1/2"NPD /N 113387204 2121-FO40P02-1 SPEC 1C17 E 139526201 N 113387363 SEE ISO 2121-FO40P02-SPEC 1C17

2121-FO40P02-3

TRESS CALC. No

PIPE LAYOUT No

19-A-19-000-1-01-00001 sheet 45

19-L-19-000-2-00-86196 sheet 1

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

19-000-2-02-00001 sheet 2121FO40P02-2