



PT. COMPONENT DESCRIPTION ITEM CODE QTY PIPE SMLS/WLD 100% X-RAY, BE, SCH 20, ASME B36.10 1013400 3.6M ASTM A312 S31254/ASTM A358 S31254 CL 1 OR CL 3, NACE MR0175/ISO 15156 TEE, SMLS/WLD 100% X-RAY, BE, SCH 20, ASME B16.9 18 x 18 1013413 1 ASTM A403 S31254 WP-S/WP-WX, NACE MR0175/ISO WELDOFLANGE, RF, CL300, SCH 20 X SCH 40S, ASME 18 x 2 1055017 B16.5, 150MM, MFR STD, ASME B31.3 ASTM A182 F44, NACE MR0175/ISO 15156 4 WN FLG, RF, CL300, SCH 20, ASME B16.5 ASTM A182 1013373 3 F44, NACE MR0175/ISO 15156 5 BLIND FLG, RF, CL300, ASME B16.5 ASTM A182 F44, 1014486 NACE MR0175/ISO 15156 6 WELDED SHOE FOR CRA LINES, SH-03B-18 (C=300, B=110, Z=6) DOUBLER PLATE FOR CS, LTCS & CRA LINES, WP-02-18-360 8 WELDED SHOE FOR CRA LINES, SH-03B-18 (C=300, B=120, Z=6) ERECTION MATERIALS ITEM CODE QTY PT. COMPONENT DESCRIPTION 9 GASKET SPIRAL WOUND, RF, CL300, 4.8 MM THK. 1013367 2 THERMICULITE OR EQUIVALENT FILLER SS316 INNER AND CENTERING RING 3.2 MM THK, ASME B16.20 UNS S32750/60, NACE MR0175/ISO 15156 10 210 mm, STUD BOLTS, W/ 2 HEAVY HEX NUTS ASTM 1.1/4 1013323 48 A1082 S32760, IMPACT TESTED -101°C 11 ISOLATION PAD, MI-01-G-18-320-160 12 BOLTED GUIDE FOR LINES SUPPORTED ON SHOES CS/LTCS AND CRA LINES, LG-25-C-18 13 ISOLATION PAD, MI-01-G-18-320-200

NOTES

A. GRID LINE DIMENSIONS ARE FOR REFERENCE ONLY AND MAY VARY ON SITE.

B. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS UNO. C. BLIND FLANGE TO BE COATED BY FABRICATOR AS PER SD-NOC-COR-350.

NON-DESTRUCTIVE EXAMINATION

PIPE ROUTING AND IT'S SUPPORTS ARE DEVELOPED BASED ON 3D LASER SCAN DATA AS REFERENCE

REFERENCE DRAWINGS

barg | WATER

PIPE SPOOLS

Date

TPD019-ASBEY-56-270127-0001-01

Description

T.EN TECHNIP ENERGIES

شركة نفطالشماك North Oil

Project No.: 217642C001-007

DBN PWM B REVISED IMPLEMENTATION PLAN [PHASE-3]

[SOR-YY-19.052]-TPDO19-ASBEY-56-270127-0001 The information contained in this document is the proprietary to North Oil Company. It must not be reproduced,

stored, disclosed to any third party or used for any purpose not authorized by North Oil Company

WOS SERVICE CONDITION FLUID CAT 1 SERVICE PVV-112 SPEC BM1 TPDO19-ASBEA-04-07090-0001 PIPING SPECIFICATION P & ID METHOD CIRC. WELDS **BRCH WELDS** FABRICATION, ERECTION & TESTING | PVV-171, PVV-612 PIPING PLAN TPDO19-ASBEA-06-00132-0001 100% 100% PVV-611 STRESS REPORT NO. TPDO19-ASBEA-86-340034-0001 VISUAL NDE OF CONNECTIONS COR-350, T06 **RADIOGRAPHIC** N/A PROTECTIVE EXTERNAL COATING STRESS CALC. NO. CN-137 5% ULTRASONIC N/A N/A PROTECTIVE INTERNAL COATING NO CRITICAL YES NO DYE PENETRANT (SS & Cu-NI) N/A 5% INSULATION LINE DATA MAGNETIC PARTICLE (CS ONLY) N/A N/A NO C 29/08/2024 AFC ACCEPTED FOR CONSTRUCTION TRACING PRG AC SBS barg 64.8 N/A N/A CHEMICAL CLEANING YES (PVV-175) NORMAL OPR. | 14 18/08/2024 | IFC | ISSUED FOR COMMENTS PRG AC SBS barg 93 / 0 HARDNESS VERIFICATION N/A N/A **TOTAL WEIGHT** 1181 **DESIGN** 50.8 Issued Reviewed Approved by by

 M^2

TEST

77.6

FABRICATION NOTES

6.828

PAINTING SURFACE

FABRICATION ISOMETRIC ASBE-18"-WOS-270127-BM1

Originator Drawing Number 217642C001-007-ISO270127-0001 S/Syst. **YY** Doc Type Phase Class D ISO 2 Size Folio Scale Rev. 000 NONE A2

NOC-QA_BORDER_A2H_01_A