

JOB CARD INFORMATION

PREPARED BY: Vitor Pereira

DATE OF: 20/06/2025

REV.: 2

STATUS: checked

APPROVED BY: None

DATE OF:

SUBSYSTEM: 03-03A_BN

DISCIPLINE: TIE-IN

WORKING CODE: TDA

SYSTEM: 03

LOCATION: A02

SEQUENTIAL NUMBER: 0012

TAG: TP-01

TOTAL MAN-HOURS: 83.00

TOTAL DURATION (hs): 10.00

JOB CARD DESCRIPTION: TIE-IN - DISASSEMBLY AND ASSEMBLY OF TP-01

COMMENTS: None

ACTIVITY ID P6: CST-EPC1-6450

HOT-WORK REQUIRED: NO

TOTAL WEIGHT (kg): 0

UNIT: kg

TASK NUMBER	TASK DESCRIPTION	COMPLETED?	% M/h
12	Perform leak test		40,96%
13	Paint touch up		59,04%

TASK NUMBER	DURATION (hs)	MAN-H
12	5,00	34,00
13	5,00	49,00

ITEM	TASK NUMBER	SPECIALIST	MAN-H	QTY
1	12	Foreman	3,00	1,00
2	12	Welder	5,00	2,00
3	12	Firewatch	4,00	1,00
4	12	Mechanical assembler	5,00	1,00
5	12	Pipe fitter	2,00	4,00
6	12	Rigger_M	4,00	1,00
7	13	Foreman	5,00	1,00
8	13	Welder	4,00	2,00
9	13	Firewatch	5,00	1,00
10	13	Mechanical assembler	5,00	1,00
11	13	Pipe fitter	4,00	4,00
12	13	Rigger_M	5,00	1,00
13	13	Scaffolder	5,00	1,00

ITEM	DESCRIPTION	P.MTO CODE	QTY	COMMENTS
1	PIPE, CARBON STEEL, DIMENSIONS ACCORDING ASME B36.10, MATERIAL ASTMA333 GR.6 - SEAMLESS, BEVELLED ENDS ASME B16.25, ACCORDING NACE MR0175.	PAPAA.100.00895	1,30	TAM 2026
2	FLANGE,WN,RF,CL600,ASME B16.5 ASTMA105, NACE MR-01-75 SCH 100	PAAAA.160.00086E	2,00	TAM 2026
3	FLANGE BLIND, RF, CL600 ASME B16.5 ASTMA 105 NACE MR-01-75 SCH 100	PAAAA.160.00086E	1,00	TAM 2026
4	FLANGE,WN,RF,CL600,ASME B16.5 ASTMA105, NACE MR-01-75 SCH 100	PAAAA.140.00086	2,00	TAM 2026
5	FLANGE BLIND, RAISED FACE, CLASS 600 ASME B16.5, CARBON STEEL ASTMA105, NACE MR-01-75/ISO15156 (1) Controlled Hardness per NACE MR-0175, SCH 100.	N/A	2,00	TAM 2026
6	REDUCING TEE, SMLS, ASTMA420 GR WPL6, BUTT WELD, ASME B16.9, NACE MR-01-75/ISO15156	PAFTF.160.05003	2,00	TAM 2026
7	300 STUDBOLT WITH NUTS, ASTMA193-B7/A194-2H WITH HOT-DIP GALVANISED	300_BOLT_OPT211	20,00	TAM 2026
8	STUD BOLT WITH 2 HEAVY HEXAGONAL NUTS, BOLT MATERIAL ASTMA193 Gr B7, NUTS MATERIAL HEX HEAVY ASTMA194 Gr 2H; BOLT THREAD TYPE, - 1 - ASME B1.1, UNC 2A; 1 7 - 3 - ASME B1.1, UN 2A - 8 thd/in; NUT THREAD TYPE - 1 - ASME B1.1, UNC 2B; 1 7 - 3 - ASME B1.1, UN 2B - 8 thd/in; COATING ZINC PLATED PER ASTM B633 (ASME B16.5), SC2 (0.0003 PLATING THICKNESS), TYPE II (WITH A SUPPLEMENTARY YELLOW CHROMATE TREATMENT).	N/A	40,00	TAM 2026
9	STUD BOLT WITH 2 HEAVY HEXAGONAL NUTS, BOLT MATERIAL ASTMA193 Gr B7, NUTS MATERIAL HEX HEAVY ASTMA194 Gr 2H; BOLT THREAD TYPE, - 1 - ASME B1.1, UNC 2A; 1 7 - 3 - ASME B1.1, UN 2A - 8 thd/in; NUT THREAD TYPE - 1 - ASME B1.1, UNC 2B; 1 7 - 3 - ASME B1.1, UN 2B - 8 thd/in; COATING ZINC PLATED PER ASTM B633 (ASME B16.5), SC2 (0.0003 PLATING THICKNESS), TYPE II (WITH A SUPPLEMENTARY YELLOW CHROMATE TREATMENT).	N/A	20,00	TAM 2026
10	GASKET, SPIRAL WOUND NON-ASBESTOS FLEXITE SUPER FILLER WITH STAINLESS STEEL AISI 304 WINDINGS, FLEXITALLIC STYLE C0 OR S0DS APPROVED EQASME B16.20, RF CLASS 600, THK 3.2 mm, ASME B16.20 FOR FLANGE ASME B16.5. THE MATERIAL SHALL BE THE REQUIREMENTS OF THE NACE MR-01-75 / ISO 15156 STANDARD.	PZGAY.160.00002	2,00	TAM 2026
11	KaMOS GASKET RF CL. 600.	K6CS-CL600RF.16	2,00	TAM 2026
12	PADDLE BLANK AND SPACER, ASTMA518 GR. 70, CARBON STEEL, ASME B16.48 STANDARD, CLASS 600, BETWEEN FLANGES, ASME B16.5, RAISED FACE, FINISHING SPIRAL SERRATED, MINI 125 TO MAX 250 AARH; THE MATERIAL SHALL BE COMPLIANT WITH THE NACE MR-01-75 / ISO 15156 STANDARD REQUIREMENTS.	N/A	1,00	TAM 2026
13	Trunion Pipe supports and base plate Plate 15mm Thk. S355 (0.5m x 0.5m) Pipe 8 Sch.80 ASTMA 106 GR B SMLS (1.5mtr length)	N/A	1,00	TAM 2026

ITEM	SPECIAL TOOLING	QTY
1	10 LOCKING PLIERS	1,00
2	8 INSULATED UNIVERSAL PLIERS	1,00
3	12 ADJUSTABLE HACKSAW	1,00
4	WOODEN FILE HANDLE	1,00
5	ALLEN WRENCH 1/16, 3/32, 1/8, 3/16, 1/4	1,00
6	SCREWDRIVER 3/16 x 4, 1/4 x 6, 1/4 x 8, 5/16 x 10	1,00
7	OPEN-END WRENCH 1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 1/4 x 25/32, 1 x 5/16	1,00
8	12 ADJUSTABLE WRENCH	1,00
9	10 HALF-MOON COMPASS	1,00
10	300 mm STAINLESS STEEL RULER	1,00
11	STEEL BRUSH	1,00
12	CARPENTERS SQUARE	1,00

ITEM	SPECIAL TOOLING	QTY
1	12 FLAT, ROUND, HALF-ROUND, AND SQUARE FILES	1,00
2	HYDRAULIC JACK, 5 TON	1,00
3	BALL-PEEN HAMMER 500 g, 1000 g	1,00
4	IRON LEVEL	1,00
5	300 g CENTER PLUMB	1,00
6	PUNCH	1,00
7	SCRIBER	1,00
8	MANUAL HOIST, 1 TON	1,00
9	CHISEL	1,00
10	TIRFOR, 1.6 TON	1,00
11	BOMBA DE TESTE HIDROST.	1,00
12	LIXADEIRA	1,00
13	TALHA MANUAL, 1 TON	1,00

SAFETY - CONDITIONS & RECOMMENDATIONS

☐ PPE E GENERAL

☐ COLD WORK PERMIT

☐ FIRE EXTINGUISHER

☐ FALL PROTECTION

☐ MARINE SAFETY

☐ BLIND ISOLATION SYSTEM

☐ HOT WORK PERMIT

☐ FIRE WATCH

☐ SPARK PROTECTION

☐ SEVERE WEATHER PREP

☐ JOB SAFETY ANALYSIS

☐ BARRICADES

☐ DIVER SAFETY

☐ SIMULTANEOUSLY DRILL

☐ ENVIRONMENTAL PROTECTION

☐ GAS LEAK PROTECTION

☐ LIFTING PLAN

☐ HAZARDOUS MATERIAL

☐ WEATHER PROTECTION REQUIRED

☐ PPE SPECIAL

OTHER/COMMENTS:



BONGA NORTH EPC 1

JOB CARD NUMBER: **A02.L1-TI-0012**
WORKPACK NUMBER: A02

QUALITY CONTROL AND INSPECTION

CQ FORMS:

ENGINEERING DOCUMENTS

Discipline	Document	Tag	Rev .	Status
TIE-IN	BNO-NET CO-300-PX-2365-21014-001	TP-01	02A	None
TIE-IN	BNO-NET CO-300-PX-2365-21024-001	TP-01	02A	None

COMPANY COMMENTS

JobCard N°: A02.L1-TI-0012



QC INSPECTOR

SNEPCo

MABU

SIGNATURE

SIGNATURE

SIGNATURE

NAME

NAME

NAME

DATE

DATE

DATE