

# BNL BETASH NIGERIA LIMITED

RC: 958099

Email: [marobetashngtd@yahoo.com](mailto:marobetashngtd@yahoo.com), [kosmonbetashngtd@yahoo.com](mailto:kosmonbetashngtd@yahoo.com)  
PHONE: +2349032741369, +2349064616571  
52 TRANS AMADI INDUSTRIAL LAYOUT  
PORT HARCOURT  
RIVERS STATE.

## METER CALIBRATION CERTIFICATE

CLIENT: TAMROSE LIMITED

VESSEL: TMC BUTEOS

DATE OF ISSUE: 30<sup>th</sup> August, 2022

Cert. No: BNL/TL/FOCAL/012<sup>A</sup>-22

### UNIT UNDER TEST (UUT):

#### DESCRIPTION:

MAKE:

MODEL:

SERIAL NO:

ID NUMBER:

TAMPER PROOF SEAL NO:

MAX. RATE OF FLOW:

MIN. RATE OF FLOW:

WORK PRESSURE

UNIT OF FLOW:

PRODUCT DELIVERED:

TEMP. MIN/MAX:

SIZE:

F O Flow Meter

NITTO FLOW METER

RSA0080B0FFM43450010R

0258588

BNL/TL/012

TL-024

50m<sup>3</sup>/h

5m<sup>3</sup>/h

10 BAR

m<sup>3</sup>/h

Diesel

-10/120°C

3"

### TRACEABILITY:

This flow meter was calibrated against ANSI/NCSL Z540.3 and is Traceable to NIST, in accordance with ASTM E4 and verify that it conforms to Accuracy Grade 3A (0.25%) over the entire scale.

### REMARKS:

The calibration was performed using direct comparison with a certified instrument. The uncertainty of measurement is based on a standard uncertainty multiplied by a coverage factor K=2 providing a level of confidence of approximately 95%. The instrument is okay for use.

### The Test Results are as follows:

Product	Standard Used L/min	Meter Under Test Reading m <sup>3</sup> /h	Vol. Flow Rate Q = m <sup>3</sup> /s	Average Error ± %
Diesel	500	0.500	100	0.1
Diesel	1000	1.000	100	0.1
Diesel	1500	1.500	100	0.1
Diesel	2000	2.000	100	0.1

Meter Factor: 1.000

VALIDITY: This Certificate is valid for a period of Six months only.

NEXT DUE DATE: 29<sup>th</sup> February, 2023

MANUFACTURED YEAR: 2019

CERTIFICATION:

ACCEPTABLE

CHECKED / APPROVED



Department Of Petroleum Resources  
PERMIT NO: DPR/OGISP/20/1730268/N199823  
DPR/OGISP/20/1766626/N199274