

# BETASH NIGERIA LIMITED

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52 TRANS AMADI INDUSTRIAL LAYOUT

PORT HARCOURT

RIVERS STATE.

## METER CALIBRATION CERTIFICATE

CLIENT: TAMROSE LIMITED

VESSEL: TMC OSPREY

DATE OF ISSUE: 15<sup>th</sup> May, 2022

Cert. No: BNL/TL/FOCAL/013<sup>A</sup>-22

### UNIT UNDER TEST (UUT):

DESCRIPTION:

F O Flow Meter

MAKE:

NITTO FLOW METER

MODEL:

RSA0080B0FFM43450010R

SERIAL NO:

0258587

ID NUMBER:

BNL/TL/013

TAMPER PROOF SEAL NO:

TL-08

MAX. RATE OF FLOW:

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

MIN. RATE OF FLOW:

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

WORK PRESSURE

10 BAR

UNIT OF FLOW:

m<sup>3</sup>/h

PRODUCT DELIVERED:

Diesel

TEMP. MIN/MAX:

-10/120°C

SIZE:

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	0.499	100	0.1
Diesel	750	0.749	100	0.1
Diesel	1500	1.498	100	0.1
Diesel	2500	2.500	100	0.1

Meter Factor: 1.000

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

NEXT DUE DATE: 15<sup>th</sup> November, 2022

MANUFACTURED YEAR: 2019

CERTIFICATION:

ACCEPTABLE

CHECKED / APPROVED



Department Of Petroleum Resources  
PERMIT NO: DPR/OGISP/20/1730288/N199823  
DPR/OGISP/20/1766626/N199274

*Handwritten signature and date 15/05/22*