

BNL BETASH NIGERIA LIMITED

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52 TRANS AMADI INDUSTRIAL LAYOUT

PORT HARCOURT

RIVERS STATE.

METER CALIBRATION CERTIFICATE

CLIENT: TAMROSE LIMITED

VESSEL: TMC ANGEL

DATE OF ISSUE: 30TH March, 2022

Cert. No: BNL/TL/FOCAL/02^A-22

UNIT UNDER TEST (UUT):

DESCRIPTION:	F O Flow Meter
MAKE:	VAF Instrument
MODEL:	J 5050
TAMPER SEAL NO:	T5/T10
ID NUMBER:	BNL/TL/002
SERIAL NO:	703230
MAX. RATE OF FLOW:	500 L/Min.
MIN. RATE OF FLOW:	50 L/Min
WORK PRESSURE:	10 BAR
UNIT OF FLOW:	M ³
PRODUCT DELIVERED:	Diesel
TEMP. MIN/MAX:	-10/120°C
SIZE:	2"

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 comparative 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 ³ /min	Vol. Flow Rate Q = m ³ /s	Average Error ± %
Diesel	100	0.0900	100	0.1
Diesel	150	0.1400	100	0.1
Diesel	200	0.1900	100	0.1
Diesel	300	0.2900	100	0.1

Meter Factor: 1.000

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

NEXT DUE DATE: 29TH September, 2022

MANUFACTURED YEAR: 2014

CERTIFICATION: ACCEPTABLE

CHECKED / APPROVED



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