



# NIGERIAN ELECTRICITY MANAGEMENT SERVICES AGENCY

## CORPORATE HEADQUARTERS

No 4, Dar es Salaam Crescent Wuse II, Abuja

REF. ID: H481-2-A-0407-2025-1-OS-001



Federal Ministry of Power

CERTIFICATION NO.: NEMSA/NMTSO/TTC/2025/081.  
EXPIRY DATE: 17<sup>TH</sup> JULY, 2027.

## ELECTRICITY METER TEST CERTIFICATE

**NAME OF CLIENT:** HEDREG GROUP LIMITED

**ADDRESS OF CLIENT:** TEAM 1, ROAD 1312, 1<sup>ST</sup> AVENUE, HOUSE NO 6, GWARINPA ESTATE, ABUJA, NIGERIA.

**METER MANUFACTURER:** SHENZHEN CALINMETER CO., LIMITED

**ADDRESS OF MANUFACTURER:** FLOOR 6, BD A6, QIAODE TECH PARK, KELVIN ROAD, GUANG MING DISTRICT SHENZHEN, CHINA.

**METER CERTIFICATION TYPE:** TYPE TEST

### METER PARTICULARS

**DESCRIPTION:**

**MAKE:** Single Phase Prepayment Energy Meter.

**TYPE DESIGNATION:** CA168-M

**CLASS:** 1.0

**RATED CURRENT:** 5(80) A

**METER CONSTANT:** 1000 imp/KWh

**APPLICATION:** Indoor

**MODE OF REGISTRATION:** Uni-Directional

**APPLICABLE STANDARD:**

The Energy Meter was tested based on the requirements of:

NIS/IEC 62052-11:2021 : Electricity Metering Equipment (a.c)-General Requirements, Tests and Conditions for Metering equipment.

NIS/IEC 62053-21:2021 : Electricity Metering Equipment (a.c)-Particular Requirements: Static Meters for Active Energy (classes 1 and 2).

Nigeria Metering Code (NMC) Version 02

**TEST LOCATION:** NATIONAL METER TEST STATION, OSHODI, LAGOS

**AMBIENT CONDITIONS:** Temperature: 27.1 °C, Relative Humidity: 38%

**TEST MODE:** As received (The samples of electricity meter were received in good condition without any defect. See pages 26-27)

**SCOPE OF TEST:** Covers evaluation of conformity to General/Constructional, Insulation, Accuracy, Electrical, Electro-magnetic, Mechanical and Climatic requirements.

### EXCLUSION FROM LIABILITY CLAUSE

This certification covers the meter(s) presented to NEMSA for certification, NEMSA is not liable for any tampering, alteration or modification that may occur after certifications.

CERTIFIED BY: ENGR. GIDEON EMMANUEL DESIGNATION: GM MLES

SIGNATURE: [Signature] DATE: 23-07-2025

