



Certificate of Accreditation

This is to certify that

ENGINEERING AUTOMATION TECHNOLOGY LIMITED E&I LABORATORY
No. 5 Apagodo Street, Off Ada George Road, Port Harcourt, Rivers State

Has been assessed by the Nigeria National Accreditation System and meets the requirements of the International Standard

ISO/IEC 17025:2017

with demonstrated technical competence in the field of

Calibration

for the specific services listed on the approved Scope of Accreditation.

On behalf of the Nigeria National Accreditation System:



Issue date: **December 7, 2021**
Validity through: **December 6, 2023**

Scope of Accreditation

Calibration Laboratory

Engineering Automation Technology Limited E&I Laboratory

No. 5 Apagodo Street, Off Ada George Road, Port Harcourt, Rivers State

Schedule NO.: C 0004

Issue No. 1: 07 12, 2021

Valid to: 06 12, 2023

Measured Quantity	Range	Calbration and Measurement Capability (CMC)	Brief description of calibration method	Brief description of calibration equipment
1. Gauge Pressure (Pressure gauge Indicator)	0 to 10,000psi (UUT) 0 to 10,000psi (Primary Standard)	0 to 20% of range: ±0.02% F.S 20 to 110% of range: ±0.1% of reading	BS EN 837-1:1998 DKD-R6-1:2014	Calibration of a guage pressure against a reference pressure gauge(Bourdon tube) Calibration of a guage pressure against a reference pressure gauge(Digital Pressure Test Gauge)
2. Temperature (Mercury-in-glass thermometer)	0.0 - 100 °C - 30°C to 140 °C	±0.51 °C	NIST Handbook 105-6 (1997)	A dry well/dry block for three-point calibration of mercury-in-glass thermometer A dry well/dry block for three-point calibration of Thermometers
3. Low voltage elctrical (ClampMeter)	1000 V max, 10 A 1000 A max	N/A N/A	Fluke 376 EURAMET/Cg-15 V01 Fluke 376 EURAMET/Cg-15 V01	Calibration of clamp meter against Fluke 5025 Multifunction Calibrator incorporating EasyCAL V6.82.3 software Calibration of Low Voltage Meters Using Time Electronics 5025C multifunction Calibrator incorporating Easycal V6.82.3 Software