KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

P. O. Box 47400 – 00100 | TEL. +254 - 20 484 0000 | Nairobi, Kenya

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SCHEDULE OF ACCREDITATION

AMOTECH AFRICA LIMITED

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/049**

PERMANENT ADDRESS OF LABORATORY

P. O. BOX 79225- 00200 NAIROBI, KENYA

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Njeri Gachanja

Technical Signatories:

1. Victor Komen -Pressure/Temp/Electrical
2. Jane Omole - Pressure/Temp/Electrical

Expiry Date: 06-December-2027

Approved by: _____

KENAS ~~CEO~~/ Authorized Representative

Date: 06-November-2025

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SCHEDULE OF ACCREDITATION – AMOTECH AFRICA LIMITED CALIBRATION LABORATORY

1.0 Calibration Field: Temperature

Equipment to be calibrated	Measurand	Calibration method	Standard	Range	Calibration and Measurement Capability	Calibration Location
Liquid baths (Water / Oil / Alcohol Baths)	Temperature	i) EURAMET cg-11 Version 2.0 (03/2011 ii) EA-4/02 M:2022 iii) Technical Manual- AAL-CL02-TP01 iv) BS 2648 :1956	i) Dry Block Calibrator S/No. C02702 Model no. 9144 Man. Fluke Corp.-USA **Traceability:** KEBS/MET/4/3/130/238 -Temperature range: 50° C to 650° C	-40 °C to 200°C	±1.0°C	Amotech Laboratory and Client sites
Non-contact & Contact Thermometers (Liquid in Glass, Metallic & Digital thermometers)		i) EA-4/02 M:2022 ii) OIML R 133 iii) Technical Manuals- AAL-CL02-TP02	ii) T/C Sensor Model no. TCK /Type K **Traceability:** KEBS/MET/4/3/130/231 Temperature range: -40° C to 200° C.	-30°C to 350°C	±1.5°C	
Autoclaves & Sterilizers chambers		i) EA-4/02 M:2022 ii) Technical Manual iii) BS 2648 :1956 **iv)** Technical Manual- AAL-CL02-TP03	iii) Digital Temperature Indicator S/No. AAL/CL/013, Model no. 51II, Man. Fluke Corp-USA **Traceability:** KEBS/MET/4/3/130/234 of 2023-01-07 Temperature range: 30° C to 300° C iv) Thermo-hygrometer Indicator S/No. AAL/CL/017, Model no. 445703, Man. EXTECH **Traceability:** QAST/2L/AAL/023/001 Temperature/Humid. range: (0° C to 50° C)/ (10% to 95%)Rh.	90 °C to 140°C	±2.5°C	
Controlled enclosed chambers (Refrigerators, Incubators, Drying Ovens & Cold rooms)		i) EA-4/02 M:2022 **ii)** Technical Manual **iii)** BS 2648 :1956 **iv)** Technical Manual- AAL-CL02-TP04		-40 °C to 350°C	±5.0°C	
Electrically heated Furnaces		**i)** EA-4/02 M:2022 **ii)** Technical Manual **iii)** BS 2648 :1956 **iv)** Technical Manual- AAL-CL02-TP05		300°C to 600°C	±25.0°C	

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2.0 Calibration Field: Pressure

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC)	Equipment to be calibrated
Digital pressure gauges	Pressure	**Internal Procedure:** AAL/LAB/CL03/TP1 **Reference:** Guideline DKD-R 6-1, 03/2014	Reference Pressure Gauge serial number:6057361 Fluke:2700G-G70M **Traceability:** Fluke Park-1500350562	0MPa to 20MPa	± 0.0141 MPa	Amotech Laboratory and Client sites
Bourdon tube pressure gauges			Reference Pressure Gauge serial number:6057360 Fluke:2700G-G70M **Traceability:** Fluke Park-1500350563			

3.0 Calibration Field: Electrical

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range		Calibration and Measurement Capability (CMC) ± expanded uncertainty))	Calibration Site
Digital Multimeters Clamp Meters Voltmeters Ammeters pHmeters RTD Calibrators Thermocouple Calibrators	AC Voltage	**Internal method:** i) AAL/LAB/CL01/TP01 ii) AAL/LAB/CL01/TP03 **Reference method:** EURAMET cg-15 v3.0 (02/2015)	Fluke 5522A-Multiproduct calibrator Serial number: 3718904 **Traceability:** KEBS-BS/MET/9/3/70/135	Source	1mV-1020V (10HZ-500HZ)	±4.55 x 10^{-5}V/V	Amotech Laboratory and Client sites
	DC Voltage			Measure	1mV-750 V (20HZ-100kHZ)	±0.4 x 10-2V/V	
	AC Voltage			Source	1mV-1000 V	±1.7×10^{-5} V/V	
	DC Voltage			Measure	1mV-1000 V	±2.1×10^{-5} V/V	
	Resistance			Source	1mA-20A (10HZ-30HZ)	±4.0×10^{-5} A/A	

*The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor k = 2, corresponding to a confidence level of approximately 95%.

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Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	7-Dec-2023	7-Dec-2023	6-Dec-2027

This schedule is issued subject to the terms and conditions of KENAS Accreditation. It supersedes any other schedule(s) issued in the past

Approved by: _____ Date: 06-November-2025

KENAS ~~CEO~~/ Authorized Representative