KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

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

Email: info@kenas.go.ke | Web: www.kenas.go.ke

SCHEDULE OF ACCREDITATION

QUALITY ASSURANCE SYSTEMS LIMITED

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/010**

PERMANENT ADDRESS OF LABORATORY

P. O. BOX 56871-00200 NAIROBI, KENYA

QAS PLAZA, MOMBASA ROAD

Tel: +254 202049892, +254 202034681

Email: info@qas-limited.com

Managing Director:

Eng. E. T. Muriuki

Technical Signatories:

1. Daniel Waikama -Mass/Force/Pressure/Temp
2. Kelvin Maina - Mass/Force/Pressure/Temp

Expiry Date: 17-September-2030

Approved by: _____

KENAS CEO/ Authorized Representative

Date: 03-September-2026

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SCHEDULE OF ACCREDITATION – QUALITY ASSURANCE SYSTEMS CALIBRATION LABORATORY

1.0 Calibration Field: Mass

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Non-automatic weighing balances	Mass	**Internal Method:** QASM/OP/001 **Reference Method:** OIML R76-1 :2006	F 1 Masses **Traceability:** KEBS-BS/MET/2/3/88/391	1 mg to 30kg	± 0.0008 g - 0.095 g	QAS Laboratory and Client Sites
			M2 Masses **Traceability:** KEBS/BS/MET/2/3/01/629	1 kg to 1000 kg	± 1 g	

2.0 Calibration Field: Temperature

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Calibration of RTD Indicators by simulation	Temperature	**Internal Method:** QAST/OP/001 **Reference Method** EURAMET cg-11	i) Variable Resistance box S/No QAST-001/2351 **Traceability:** KEBS/MET/9/3/85/043	-80 °C to 560 °C	± 0.8 °C	QAS Laboratory and Client Sites
Calibration of TC Indicators & Recorders by simulation		**Internal Method:** QAST/OP/002 **Reference Method** EURAMET cg-11	i) Voltage Current Calibrator, S/No I.441741 **Traceability:** KEBS/MET/9/3/85/044	-50 °C to 1700 °C	±1.5 °C	
Calibration of contact thermometers by comparison	Temperature	**Internal Method:** QAST/OP/003 **Reference Method** DKD-R 5-4, 2018	i) Temperature Readers/Indicators-Thermocouple indicator, S/N.31550192WS, ii) **Traceability** iii) KEBS/MET/4/3/140/269	30 °C to 250 °C	± 1.5 °C	QAS Laboratory and Client Sites

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Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
			iv) Temperature Sensors, S/No -2836, 2837, 2973, **Traceability:** QAS/2L/QAS/026/030, 34 & 15			
Controlled heating enclosed chambers by chamber characterization	Temperature	**Internal Method:** QAST/OP/004 **Reference Method** DKD-R 5-7, 01/2025	i) Temperature Sensors, S/No - 2836, 2837, 2973 **Traceability:** QAST/2L/QAS021/014, 015 & 030 ii) Temperature Readers/Indicators- Thermocouple indicator, S/N.31550192WS. **Traceability:** KEBS/MET/4/3/140/269	10 °C to 350 °C	± 5.0 °C	QAS Laboratory and Client Sites
Calibration of Sterilization Autoclaves by chamber characterization	Temperature	**Internal Method:** QAST/OP/006 **Reference Method:** DKD-R 5-7, 01/2025	High temperature Data logger, S/No 38980 **Traceability:** KEBS/MET/4/3/141/037	90 °C to 140 °C	± 2.5 °C	
Calibration of Liquid Baths by chamber characterization	Temperature	**Internal Method:** QAST/OP/007 **Reference Method:** DKD-R 5-1, 10/2023	Temperature Readers/Indicators- Thermocouple indicator, S/N.31550192WS **Traceability:** KEBS/MET/4/3/140/269 i) Temperature Sensors, S/No - 2836, 2837, 2973, **Traceability:** QAST/2L/QAS021/014 ,015 & 030	10 ° C to 200 ° C	±1.5 °C	QAS Laboratory and Client Sites

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3.0 Calibration Field: Pressure

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC)	Equipment to be calibrated
Bourdon tube Pressure gauges	Positive Gauge Pressure	**Internal Method:** Calibration Procedures QASP/OP/003 (Tyre pressure gauges), QASP/OP/004 and QASP/OP/005 for pressure and vacuum gauges **Reference Method:** DKD-R 6-1:2014 EURAMET Cg 17 version 4.0 (04/2019)	Additel Instrument, Reference Digital Pressure Gauge serial 211H13130034 **Traceability certificate no:** BS/MET/5/3/80/179	0 MPa to 4 MPa	± 2.74 kPa	QAS Laboratory and Client Sites
			Additel Instrument, Reference Digital Pressure Gauge S/No 27310190006 **Traceability certificate no:** BS/MET/5/3/81/217			

4.0 Calibration Field: Force

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC)± expanded uncertainty)	Calibration Site
Tensile machine, Compression machine, Universal machine	Force	**Internal Method:** QASP/OP/02 **Reference Method:** ISO 7500-1:2018	2000 kN LOAD CELL S/No: 1913 **Traceability:** BS/MET/3/3/56/156	0 kN to 2000 kN	± 1.23 %	QAS Laboratory and Client Sites

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*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%.

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	18-Sep-2015	18-Sep-2015	17-Sep-2018
1st Re-accreditation	14-Sep-2018	18-Sep-2018	17-Sep-2022
2nd Re-accreditation	07-Jul-2022	18-Sep-2022	17-Sep-2026
3rd Re-accreditation	03-Sep-2026	18-Sep-2026	17-Sep-2030

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: 03-September-2026

KENAS CEO/ Authorized Representative