KENYA ACCREDITATION SERVICE

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

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SCHEDULE OF ACCREDITATION

MEASUREMENT SOLUTIONS LTD

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/060**

PERMANENT ADDRESS OF LABORATORY

1ST FLOOR MEASUREMENT HOUSE, BUSEGA

P.O Box 37542

KAMPALA - UGANDA

Tel. No. +256 772427193

E-MAIL : simon@msluganda.com

WEBSITE: www.msluganda.com

Laboratory Contact Person:

Simon Rwashana

Technical Signatories:

1. Byamukama Barnabas – Temperature
2. Daniel Magala – Force and Torque
3. Lutaaya Julius – Pressure
4. Semei Patrick – Electrical
5. Mukundane Brian – Mass

Expiry Date: 19-05-2030

Approved by: _____

KENAS ~~CEO~~/ Authorized Representative

Date: 20-May-2026

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SCHEDULE OF ACCREDITATION – MEASUREMENT SOLUTIONS LTD

1.0 Calibration Field: Mass

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Masses	Mass	Internal Procedure: MSL/OP/6.4/09 Reference: NISTIR 6969 2019 Ed	M1 Masses Traceability: 01260284	5 mg to 10 kg	± 0.002 mg to 160 mg	MSL Laboratory and Client Premises
Non-automatic Weighing Instruments	Mass	Internal Procedure: MSL/OP/6.4/09-01 Reference: EURAMET Cg 18 v4: (11/2015)	M1 Masses Traceability: 01260285	5 mg to 200 mg	± 0.05 mg to 0.20 mg	
				500 g to 30 kg	± 8.5 mg to 500 mg	
				30 kg to 300 kg	± 500 mg to 5g	

2.0 Calibration Field: Pressure

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Pressure Guages	Pressure	Internal Procedure: MSL/OP/6.4/012 Reference: DKD-R-6-1	M1 Masses Traceability: 04250174	0 to 60 MPa	± 0.112 MPa	MSL Laboratory and Client Premises

3.0 Calibration Field: Force and Torque

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Compression Force	Force	Internal Procedure: MSL/OP/6.4/02 Reference: DKD-R-3-3	Load Column Traceability: KEBS/MET/3/60/856	0 to 3000 kN	± 1.12 %	MSL Laboratory and Client Premises
Torque Wench	Torque	Internal Procedure: MSL/OP/6.4/06 Reference Method: Euramet cg. 14 v.2	Torque Wrench Traceability: KEBS/MET/3/3/60/855	10 to 350 N.m	± 1.40 %	

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4.0 Calibration Field: Temperature

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Liquid in glass Digital Thermometers	Temperature	Internal Procedure: MSL/OP/6.4/10 Reference Method: EURAMET CG-11 Version 2.0	Thermocouple Type K Indicator Traceability: 02250327	0 °C to 100 °C -20 °C to 350 °C	± 1.7 °C ± 1.7 °C	MSL Laboratory and Client Premises
Oven Incubator		Internal Procedure: MSL/OP/6.4/11 EURAMET CG-20 Version 5.0(09/2017)	Thermocouple Type K Indicator Traceability: 02250327	30 °C to 300 °C 30 °C[to 150 °C	± 2.0 °C ± 2.0 °C	
Thermo hygrometer		Internal Procedure: MSL/OP/6.4/17 DKD-R 5-8	Data logger/Thermo hygrometer Traceability: 02250326	30 °C to 70°C	± 2.0 °C	

5.0 Calibration Field: Electrical

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Multimeters	Voltage DC Voltage AC DC Current AC Current Resistance Capacitance	Internal Procedure: MSL/OP/6.4/28 Reference: DKD-R-3-3 Internal Procedure: MSL/OP/6.4/06 Reference Method: EURAMET CG-15	Digital multi-meter Traceability: KEBS/MET/09/3/84/115	100 mV to 24 V 110 V and 220 V (fixed points) at 50Hz 0mA to 200 mA 5A (fixed point) 1 and 40 Mega Ohms 7µF (fixed point)	± 1.12 %	MSL Laboratory and Client Premises

*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	20-May-2026	20-May-2026	19-May-2030

This schedule is issued subject to the terms and conditions of KENAS Accreditation.

Approved by: _____ Date: 20-May-2026

KENAS ~~CEO~~/ Authorized Representative