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

ESMIC ENGINEERING SYSTEMS LIMITED

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/061**

PERMANENT ADDRESS OF LABORATORY

LUNGA LUNGA SQUARE, ROOM 337

P.O BOX 41099-00100 NAIROBI

Tel. No. 0703295700, 0735026637

E-MAIL : info@esmicengineering.com

WEBSITE: https://esmicengineering.com

Laboratory Contact Person:

Mr Jack Aliwa

Technical Signatories:

1. Evans Makokha – Mass/Temperature
2. Benson Mjomba – Force and Torque / Mass

Expiry Date: 23-June-2030

Approved by: _____ Date: 24-06-2026

KENAS ~~CEO~~/ Authorized Representative

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SCHEDULE OF ACCREDITATION – ESMIC ENGINEERING SYSTEMS LIMITED

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 Instruments Calibration	Mass	**Inhouse Method:** EESL/SOP/07/002 **Reference Method:** EURAMET CG 18 Version 4 (11/2015)	Class F1 Mass pieces **Traceability:** KEBS/MET/2/3/05/017	1 mg to 30 Kg	$\pm 1.6 \times 10^{-6}$	EESL Laboratory and Client sites
			Class M2 Mass pieces **Traceability:** KEBS/MET/2/3/04/227	5Kg to 300Kg	$\pm 5.0 \times 10^{-4}$	EESL Laboratory and Client sites

2.0 Calibration Field: Force

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Compression Force	Force	**Inhouse Method:** EESL/SOP/004 **Reference:** ISO 376, ISO 7500	Load Cell **Traceability:** KEBS/MET/3/60/876	0-3000 KN	± 1.12 %	EESL Laboratory

3.0 Calibration Field: Temperature

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ± expanded uncertainty)	Calibration Site
Open chambers (baths & Dry blocks)	Temperature	**Inhouse Method:** EESL/SOP/07/004A **Reference:** DKD R 5-4 (09/2018)	Thermocouple Type K **Traceability:** KEBS/MET/4/3/144/040 Fluke digital thermometer serial/no: 21320080 **Traceability:** KEBS/MET/4/3/144/023	-50 °C to 200 °C	± 1.2°C	EESL 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
Contact Thermometers		**Inhouse Method** EESL/OP/07/004C **Reference Method** EURAMET CG-11 Version 2.0	Thermocouple Type K **Traceability:** KEBS/MET/4/3/144/040 Fluke Digital thermometer Serial/no. 21320080 **Traceability:** KEBS/MET/4/3/144/023	-20 °C to 350 °C	± 1.1°C	
Enclosed Chambers		**Inhouse Method** EESL/OP/07/004B **Reference Material** EURAMET CG-20 version 5.0(09/2017	Thermocouple Type K **Traceability:** KEBS/MET/4/3/144/040 Fluke Digital thermometer Serial/no. 21320080 **Traceability:** KEBS/MET/4/3/144/023	-30 °C to 300 °C	± 1.5°C	

*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	24-June-2026	24-June-2026	23-June-2030

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

Approved by: _____ Date: 24-June-2026

KENAS ~~CEO~~/ Authorized Representative