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

NEW SONIC QUALITY INSPECTORS LIMITED

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/031**

PERMANENT ADDRESS OF LABORATORY

P. O. BOX 73870 - 00200 NAIROBI, KENYA

INDUSTRIAL AREA, FACTORY STREET

HOWSE & McGEORGE CENTRE, 2ND FLOOR SOUTHWEST WING

Tel: +254 206557397, +254 202636790 +254 722739792

Email: sonicinspectorsltd@gmail.com

Managing Director:

Solomon Kiema

Technical Signatories:

1. Francis Maina - Pressure/Temp
2. Loise Muema - Pressure/Temp

Expiry Date: 30-September-2028

Approved by: _____ Date: 10-October-2024

KENAS ~~CEO~~/ Authorized Representative

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SCHEDULE OF ACCREDITATION – NSQIL CALIBRATION LABORATORY

1.0 Calibration Field: Temperature

Equipment to be calibrated	Measurand	Calibration method	Reference standard	Range	Calibration and measurement capability (±)Expanded uncertainty	Calibration site
Contact and Non-contact thermometers	Temperature	NSQI/TSP/003 **Reference:** a) EA-4/02 b) OIML 133R	Standard thermometer S/No. 1.209157 Lutron model tm 917 **Traceability:** NSQIT/2L/NSQI/24/002	-40 °C to 200 °C	± 1.5 °C	Laboratory and Client Sites
Liquid Baths		NSQI/TSP/001 **Reference:** a) Euramet cg-20 version 5.0	Drywell/temperature calibrator S/No 65891301834 **Traceability:** NSQIT/2L/NSQI/24/003	-40° C to 250° C	± 1.5 °C	
Controlled Heating Furnaces		NSQI/TSP/004 **Reference:** a) EA-4/02 b) BS2648:1955	Temperature indicator fluke S/No. 20840038 Model 53 IB **Traceability:** KEBS/MET/4/3/137/008	300° C to 850° C	± 25 °C	
Controlled Heating enclosed Sterilizers & Autoclaves		NSQI/TSP/005 **Reference:** a) EA-4/02 b) BS2648:1955		90° C to 135° C	± 2.5 °C	
Controlled Heating enclosed chambers		NSQI/TSP/07 **Reference:** a) EA-4/02 b) BS2648:1955	Thermocouple Temperature Indicators S/N. 20840038 (NSQI/T/01) Model: N Traceability: KEBS/MET/4/3/137/128A	-40° C to 250° C	±2.5 °C	

2.0 Calibration Field: Pressure

Equipment to be calibrated	Measurand	Calibration method	Standard	Range	Calibration and Measurement Capability	Calibration Location
Bourdon tube Pressure gauges	Positive Gauge Pressure	NSQI/TSP/006 Reference: Guideline DKD-R 6-1:2014 Calibration of pressure gauges	Digital Test Gauge type IPI05KGBXXINDG S/No. 1126040 **Traceability:** BS/MET/5/3/84/129	0 MPa to 40 MPa	±0.024 MPa	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	01-Oct-2020	01-Oct-2020	30-Sep-2024
1st Re-accreditation	10-Oct-2024	10-Oct-2024	30-Sep-2028

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: 10-October-2024

KENAS ~~CEO~~/ Authorized Representative