



KENYA ACCREDITATION SERVICE

P. O. Box 47400-00100, TEL. +254-787-395679, +254-725-227640 Nairobi, Kenya

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

SCHEDULE OF ACCREDITATION

LYNX AFRICA LIMITED

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/24**

PERMANENT ADDRESS OF LABORATORY

La Colline Gardens M2,

10 Masaba Road, Upper Hill,

Nairobi, Kenya

Tel: +254 20 2687376/ +254 732000555

Email: info@lynxafrica.co.ke; Website: www.lynxafrica.co.ke

Director:

Michael Kiarie

Technical Signatories:

Thomas Kiarie: Mass, Temperature
Pressure and Volume

Date of expiry: 03-Dec- 2023

Approved by: _____

KENAS CEO/Authorized Representative

Date: **11-Feb-2021**



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SCHEDULE

No	Calibration Field	Calibration Object	Measurand	Calibration Method	Standard	Calibration and Measurement Capability (CMC) <small>(Measurement Point /Range ± expanded uncertainty (k=2, level of confidence 95%))</small>	Calibration Site
1.	Mass	Non Automatic Weighing Balances	Mass (1mg to 8.8kg)	LAL/BCP/01 REFERENCE METHOD: KS-OIML R76;2006. TRACEABILITY:KEBS:B S/MET/2/3/65/247	F ₁ MASSES	1mg to 5mg ±0.006mg 10mg ± 0.008mg 20mg ± 0.010mg 50mg ± 0.012mg 100mg ± 0.016mg 200mg ± 0.020mg 1g ± 0.03mg 2g ± 0.04mg 5g ± 0.05mg 10g ± 0.06mg 20g ± 0.08mg 50g ± 0.10mg 100g ± 0.16mg 200g ± 0.30mg 500g ± 0.80mg 1kg ± 1.60mg 2kg ± 3.00mg 5kg ± 8.00mg	Various
			Mass (20kg to 1000kg)	LAL/BCP/01 REFERENCE METHOD: KS-OIML R76:2006 TRACEABILITY:KEBS:B S/MET/2/3/65/135	M ₂ MASSES	20kg ± 1g	
2.	Pressure	Pressure & Vacuum	Pressure	Internal	Pressure Standard gauge S/No –	-0.75 TO 40bar ± 0.07bar	Client premises



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		Gauges		LAL-P-SOP-001 Reference KS 09-731	211H16800034 traceability BS/MET/5/3/74/3 12		
3.	Volume	Pipette	mass	Internal: LAL-V-SOP-001(Profiling) Reference: ISO standard 8655 on specification Calibration piston operated micro pipette with air	Standard Analytical Balance S/No D30753708L Traceability KEBS MET/4 3/113/ F1 Standard mass S/no 2015004 Traceability KEBS MET 2/3/91/996 Thermo-hygrometer S/No B19719 Traceability KEBS/MET/4/3/1 07/001	1g to 20g + 0.0001g (10µL to 20mL)	
4.	Temperature	Laboratory Electrically heated and Cooling Liquid Baths.	Temperature	Internal: LAL-T-SOP-001 Reference: i) EA-4/04- guide to Uncertainty of Measurements iii) ASTM standard on specification on	i) Standard Multifunction Process Calibrator S/No 316A16020023, Type ADT221A: Temperature range : -100°C to 1600°C Traceability: BS/MET/4/3/113/086 ii) PT 100	-40°C to 230°C ± 1.0°C	Client premises

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No	Calibration Field	Calibration Object	Measurand	Calibration Method	Standard	Calibration and Measurement Capability (CMC) (Measurement Point /Range ± expanded uncertainty (k=2, level of confidence 95%))	Calibration Site
				Viscosity Analysis petroleum products 5th edition of 2009.	Sensors S/nos Pt-01,02,03 Traceability: BS/MET/4/3/113/143,144,145		
		Liquid in Glass, Digital, Dial gauge and Infra-red thermometers	Temperature	Internal: LAL-T-SOP-002 Reference: i) International resistance/temperature standards tables ii) Calibration Practice for L/G thermometers, covered in J.A Wise (september 1988) NIST spec. Publ 250-23, USA department of Commerce	i) Standard Multifunction Process Calibrator S/No 316A16020023, Type ADT221A: Temperature range : -100°C to 1600°C. Traceability: BS/MET/4/3/113/086 ii) PT 100 Sensors S/nos Pt-01,02,03. Temperature range: -40°C to 230°C. Traceability: MET/4/3/113/143,144,145 iii) Water/Oil Bath, S/No LAL-WB-001 Temperature range : Water as the Liquid 25 °C to 96 °C Traceability: BS/MET/4/3/112/239 iv) Dry well	25°C to 350°C ± 1.0°C	


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					Calibration bath, S/no. B6B484. Temperature range 25°C to 1100°C Traceability: B6B16014		

*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	04-Dec-2012	04-Dec-2012	03-Dec-2015
1 st Re-Accreditation	03-Dec-2015	04-Dec-2015	03-Dec-2018
2 nd Re-Accreditation	14-Jan-2019	14-Jan-2019	03-Dec-2023

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: _____
KENAS CEO/Authorized Representative

Date: 11-Feb-2021