

ANNEXURE A
SCHEDULE OF ACCREDITATION
TEMPERATURE METROLOGY

Laboratory Accreditation Number: CAL-14 006 (ISO/IEC 17025:2017)

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ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	
1	Digital Thermometry	Internal: MTPI 006 Reference: SADCAS TR 26	-30 °C to 125 °C 125 °C to 450 °C	At NSI	Onsite
				0.2 °C	0.2 °C
2	Liquid in Glass Thermometry	Internal: MTPI 007 Reference: OIML R 133, SADCAS TR 26	-40 °C to 0 °C 0 °C to 150 °C	At NSI	
				0.25 °C	0.2 °C
3	Temperature Installations (Single Location)	Internal: MTPI 016 Reference: SADCAS TR 26	-30 °C to 0 °C 0 °C to 10 °C 10 °C to 40 °C 40 °C to 80 °C 80 °C to 450 °C	At NSI & On-site	
				2 °C	1 °C
				0.4 °C	0.8 °C
				1 °C	1 °C
				1 °C	1 °C

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ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
4	Isothermal Media (Multi-location Mapping)	Internal: MTPI 016 Reference: SADCAS TR 26	-30 °C to 0 °C 0 °C to 10 °C 10 °C to 40 °C 40 °C to 80 °C 80 °C to 450 °C	At NSI & On-site
				2 °C 1 °C 0.4 °C 0.8 °C 1 °C

Original date of accreditation: 20 February 2013

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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%.



Pinkie J Malebe
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