

ANNEXURE A
SCOPE OF ACCREDITATION
 MASS METROLOGY

Accreditation Number: 1476

Permanent Address of Laboratory: Klerkscale Klerksdorp (Pty) Ltd 37 Chromium Road Uraniaville Klerksdorp 2571 Postal Address: P O Box 944 Klerksdorp 2570 Tel: (018) 469-1371 Fax: (018) 469-4112 E-mail: grant@klerkscale.co.za		Technical Signatory: Mr R Stephenson Nominated Representative: Mr G Schutte Issue No.: 01 Date of Issue: 10 October 2019 Expiry Date: 09 October 2024		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	METHOD/PROCEDURE
1	Mass			
1.1	Mass Standard			
1.1.1	Masspieces / weights <100 kg	1 mg to 50 mg 50 mg to 500 mg 1 g to 5 g 5 g to 20 kg 20 kg to 100 kg	0,2 mg 0,4 mg 1,0 mg 0,006 % 0,01 %	Calibration using the single substitution method
1.1.2	Masspieces / weights >100 kg	100 kg to 5 000 kg	0,01 %	
1.2	Weighing Equipment			
1.2.1	Digital Self Indicating	30 g to 600 g 600 g to 5 000 kg	0,0015% 0,003 %	Evaluation of linearity, eccentricity and repeatability using standard weights
3	Crane scale	50 kg to 10 000 kg	0,2 %	Calibration by beam and standard weights
4	On-site calibration item 1,2 and 3 above			

Original Date of Accreditation: 1994

Page 1 of 1

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 Manager

