

NO: SAMM 082(Issue 2, 18 May 2018 replacement
of SAMM 082 dated 8 December 2017)**SCOPE OF CALIBRATION: MASS**

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty(\pm)*	Remarks
Standard Weight	1 mg	3 μ g	Calibrated using Standard Weight Sets and Mass Comparator based on OIML R111-2:2004
	2 mg	3 μ g	
	5 mg	3 μ g	
	10 mg	3 μ g	
	20 mg	3 μ g	
	50 mg	3 μ g	
	100 mg	3 μ g	
	200 mg	3 μ g	
	500 mg	4 μ g	
	1 g	4 μ g	
	2 g	7 μ g	
	5 g	10 μ g	
	10 g	20 μ g	
	20 g	30 μ g	
	50 g	60 μ g	
	100 g	0.13 mg	
	200 g	0.26 mg	
	500 g	0.67 mg	
	1 kg	1.3 mg	
	2 kg	2.6 mg	
	5 kg	6.7 mg	
10 kg	26 mg		
20 kg	52 mg		
25 kg	0.15 g		

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SCOPE OF CALIBRATION: MASS**SITE: CATEGORY I**

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty(\pm)*	Remarks
Analytical Balance and Weighing Scale	0 g to 5 g	20 μ g	Calibrated using Standard Weight Sets based on ASTM E898:2005
	0 g to 20 g	20 μ g	
	0 g to 50 g	0.15 mg	
	0 g to 100 g	0.11 mg	
	0 g to 200 g	0.20 mg	
	0 g to 500 g	0.50 mg	
	0 kg to 1 kg	1.0 mg	
	0 kg to 2 kg	2.0 mg	
	0 kg to 3 kg	2.2 mg	
	0 kg to 5 kg	5.0 mg	
	0 kg to 10 kg	47 mg	
	0 kg to 20 kg	96 mg	
	0 kg to 30 kg	1.1 g	
	0 kg to 50 kg	2.0 g	
	0 kg to 100 kg	5.0 g	
	0 kg to 200 kg	9.0 g	
	0 kg to 500 kg	20 g	
	0 kg to 750 kg	45 g	
	0 kg to 1,000 kg	47 g	
0 kg to 1,500 kg	54 g		
0 kg to 2,000 kg	94 g		
Standard Weight	1 kg	14 mg	Calibrated using Standard Weight Sets and Mass Comparator based on OIML R111-2:2004
	2 kg	14 mg	
	5 kg	16 mg	
	10 kg	0.14 g	
	20 kg	0.15 g	
	25 kg	0.15 g	

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