SCOPE OF CALIBRATION: MASS

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty(±)*	Remarks
Standard Weight	1 mg 2 mg 5 mg 10 mg 20 mg 50 mg 100 mg 200 mg 500 mg 1 g 2 g 5 g 10 g 20 g 50 g 100 g 200 g 500 g 1 kg 2 kg 5 kg 10 kg 20 kg 25 kg	4 µg 4 µg 4 µg 5 µg 5 µg 5 µg 5 µg 6 µg 7 µg 8 µg 10 µg 14 µg 20 µg 30 µg 78 µg 0.15 mg 0.27 mg 0.72 mg 1.3 mg 2.8 mg 7.5 mg 26 mg 52 mg 0.28 g	Calibrated using Standard Weight Sets and Mass Comparator based on OIML R111-2:2004

Signatories:

1. **Seah Leong Ho**

SCOPE OF CALIBRATION: MASS

SITE: CATEGORY I

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty(±)*	Remarks
Analytical Balance and Weighing Scale	0 g to 5 g 0 g to 20 g 0 g to 50 g 0 g to 100 g 0 g to 200 g 0 g to 500 g 0 kg to 1 kg 0 kg to 2 kg 0 kg to 3 kg 0 kg to 5 kg 0 kg to 10 kg 0 kg to 20 kg 0 kg to 30 kg 0 kg to 50 kg 0 kg to 100 kg 0 kg to 200 kg 0 kg to 500 kg 0 kg to 750 kg 0 kg to 1,000 kg 0 kg to 1,500 kg 0 kg to 2,000 kg	0.03 mg 0.04 mg 0.2 mg 0.2 mg 0.2 mg 0.6 mg 1.1 mg 3 mg 5 mg 6 mg 0.05 g 0.1 g 2 g 3 g 6 g 11 g 22 g 47 g 52 g 60 g 103 g	Calibrated using Standard Weight Sets based on ASTM E898:2020 The uncertainty quoted is based on adjustment made to the sensitivity of the weighing instrument immediately before calibration.
Standard Weight	1 kg 2 kg 5 kg 10 kg 20 kg 25 kg	14 mg 14 mg 16 mg 0.14 g 0.15 g 0.15 g	Mass comparison with reference to OIML R111-2:2004

Signatory:

1. **Seah Leong Ho**