

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

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty( $\pm$ )*	Remarks
Torque Measuring Device	0 N.m to 1 N.m 1 N.m to 10 N.m 10 N.m to 100 N.m 100 N.m to 500 N.m 500 N.m to 1,000 N.m	0.52 % of reading 0.33 % of reading 0.19 % of reading 0.15 % of reading 0.15 % of reading	Calibrated using ERM and Torque Transducer or Torque Bar based on BS 7882:2008
Torque Tools Device (Torque wrench and Torque Driver)	0. N.m to 1 N.m 1 N.m to 10 N.m 10 N.m to 100 N.m 100 N.m to 500 N.m 500 N.m to 1,000 N.m 1,000 N.m to 3,000 N.m	0.52 % of reading 0.33 % of reading 0.19 % of reading 0.15 % of reading 0.15 % of reading 0.26 % of reading	Calibrated using ERM and Torque Transducer or Torque Bar based on ISO 6789-1:2017 (E)

**Signatory:**

1. Seah Leong Ho