

NO: SAMM 1025

LABORATORY LOCATION:
(PERMANENT LABORATORY)



**TMP LABORATORY
TOOLS & MACHINERY PART SUPPLIES SDN. BHD.
LOT 22, JALAN 223
46100 PETALING JAYA
SELANGOR, MALAYSIA**

FIELD OF CALIBRATION: TORQUE

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

* The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of $k=2$ unless stated otherwise.

SCOPE OF CALIBRATION: TORQUE

| Instrument Calibrated/ Measurement Parameter | Range | Calibration and Measurement Capability Expressed as an Uncertainty (\pm)* | Remarks |
|---|---|---|--|
| Hand Torque Tools | 0.06 N.m to < 0.3 N.m 0.3 N.m to < 6 N.m 6 N.m to < 20 N.m 20 N.m to < 100 N.m 100 N.m to < 500 N.m 500 N.m to < 1000 N.m 1000 N.m to to 2100 N.m | 1.6% of Reading 1.5% of Reading 0.9% of Reading 0.4% of Reading 0.4% of Reading 0.9% of Reading 0.7% of Reading | Calibration using reference torque testers with reference to ISO 6789-2:2017 |

Signatory:

- Andrew Yee Joo Kuang