



## Certificate of Accreditation

IAJapan hereby accredits the following conformity assessment body as a calibration laboratory of Japan Calibration Service System (JCSS).

Accreditation Identification: JCSS 0281 Calibration

Name of Conformity Assessment Body:

Torque Standard Room, Tohnichi Mfg., Co., Ltd.

Name of Legal Entity: Tohnichi Mfg., Co., Ltd.

Location of Conformity Assessment Body:

162 Takamuro-cho, Kofu-shi, Yamanashi 400-0057, Japan

Scope of Accreditation: Torque (as attached)

Accreditation Requirement:

ISO/IEC 17025: 2017

Accreditation Requirements in the Section 6 of  
Accreditation Scheme (JCSS) 2nd Edition

Effective Date of Accreditation: 2019-11-19

Expiry Date of Accreditation: 2023-11-18

(Date of Initial Accreditation: 2011-11-24)

Kenichi Yamamoto

Chief Executive, IAJapan

National Institute of Technology and Evaluation

- 
- International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APAC (Asia Pacific Accreditation Cooperation).
  - MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programs, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.
  - This laboratory fulfills ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation means this 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 (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

General Field of Calibration : TorqueDate of Initial Accreditation of the Field : 2011-11-24Permanent Laboratory/On-site Calibration : Permanent Laboratory ,On-site Calibration

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range (only the increasing torque)		CMC ( Level of Confidence Approximately 95 % )
Torque testing machines	Torque wrench testers	From 10 N·m up to 100 N·m	Clockwise Torque	0.33 %
			Counterclockwise Torque	0.39 %
		From 20 N·m up to 100 N·m	Clockwise Torque	0.23 %
			Counterclockwise Torque	0.30 %
		From 20 N·m up to 200 N·m	Clockwise Torque	0.36 %
			Counterclockwise Torque	0.30 %
		From 40 N·m up to 200 N·m	Clockwise Torque	0.26 %
			Counterclockwise Torque	0.27 %
		From 50 N·m up to 500 N·m	Clockwise Torque	0.26 %
			Counterclockwise Torque	0.26 %
		From 100 N·m up to 500 N·m	Clockwise Torque	0.26 %
			Counterclockwise Torque	0.25 %
		From 100 N·m up to 1000 N·m	Clockwise Torque	0.26 %
			Counterclockwise Torque	0.25 %
		From 200 N·m up to 1000 N·m	Clockwise Torque	0.21 %
			Counterclockwise Torque	0.21 %

#All Calibration Procedures are in-house procedures developed by this laboratory.

Permanent Laboratory/On-site Calibration : Permanent Laboratory

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range (only the increasing torque)		CMC ( Level of Confidence Approximately 95 % )
Torque measuring devices	Reference torque wrenches	From 10 N·m up to 100 N·m	Clockwise Torque	0.089 %
			Counterclockwise Torque	0.084 %
		From 20 N·m up to 200 N·m	Clockwise Torque	0.080 %
			Counterclockwise Torque	0.075 %
		From 50 N·m up to 500 N·m	Clockwise Torque	0.071 %
			Counterclockwise Torque	0.071 %
		From 100 N·m up to 1000 N·m	Clockwise Torque	0.082 %
			Counterclockwise Torque	0.082 %

#All Calibration Procedures are in-house procedures developed by this laboratory.

Permanent Laboratory/On-site Calibration : Permanent Laboratory ,On-site Calibration

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range (only the increasing torque)		CMC ( Level of Confidence Approximately 95 % )
Torque measuring devices	Hand torque tools	From 10 N·m up to 850 N·m	Clockwise Torque	0.91 %
			Counterclockwise Torque	0.91 %

#All Calibration Procedures are in-house procedures developed by this laboratory.