

Name of Accreditation Program	JCSS Accreditation Program
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. JCN 8010801008407
Inquiry Point	Torque Standard Room TEL: +81-55-241-5611 FAX: +81-55-241-7703

*JCN: Japan Corporate Number



23·06·15-NITE-016
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Certificate of Accreditation

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

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 the following pages)

Accreditation Requirement: ISO/IEC 17025:2017*

* The relevant accreditation requirements described in the Accreditation Scheme Document for JCSS are also applied.

Effective Date of Accreditation: 2023-11-19

Expiry Date of Accreditation: 2027-11-18

Date of Initial Accreditation: 2011-11-24

SAITO Kazunori

Chief Executive, International Accreditation Japan (IAJapan)

National Institute of Technology and Evaluation

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- 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).
 - The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

General Field of Calibration: TorqueDate of Initial Accreditation of the Field: 2011-11-24Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility, On-site CalibrationCalibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range (only the increasing torque)		Expanded Uncertainty (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.

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facilityCalibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range (only the increasing torque)		Expanded Uncertainty (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 %

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Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility, On-site CalibrationCalibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range (only the increasing torque)		Expanded Uncertainty (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 %

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