Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0075 Calibration
Name Conformity Assessment Body	Technology Center for Measurement, Incorporated.
Name of Legal Entity	Technology Center for Measurement, Incorporated. JCN 5400005005164
Inquiry Point	Operation department TEL: +81-19-639-0909 FAX: +81-19-639-0910

*JCN: Japan Corporate Number

22・12・22-NITE-012
2023-06-19

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 0075 Calibration

Name of Conformity Assessment Body: Technology Center for Measurement, Incorporated.

Name of Legal Entity: Same as above

Location of Conformity Assessment Body: 1-8-10 Ryutsu-Center Kita, Morioka-shi, Iwate 020-0846, JAPAN

Scope of Accreditation: Length, Mass, Force (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: 2023-06-19

Expiry Date of Accreditation: 2027-06-18

Date of Initial Accreditation: 1997-12-10

SAITO Kazunori
Chief Executive, International Accreditation Japan (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).
- The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

General Field of Calibration: Length
Date of Initial Accreditation of the Field: 1997-12-10
Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility
Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Length Measuring Instrument	Gauge Blocks (Comparison method)	From 0.5 mm up to 100 mm	0.08 μm

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

General Field of Calibration: Mass
Date of Initial Accreditation of the Field: 2007-09-03
Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility
Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Weight	Weight	20 kg	61 mg
		10 kg	32 mg
		5 kg	15 mg
		2 kg	6 mg
		1 kg	4 mg
		500 g	2 mg
		200 g	0.60 mg
		100 g	0.30 mg
		50 g	0.19 mg
		20 g	0.14 mg
		10 g	0.10 mg
		5 g	0.080 mg
		2 g	0.062 mg
		1 g	0.047 mg
		500 mg	0.040 mg
		200 mg	0.031 mg
		100 mg	0.024 mg
		50 mg	0.019 mg
		20 mg	0.016 mg
		10 mg	0.013 mg
		5 mg	0.010 mg
		2 mg	0.010 mg
		1 mg	0.010 mg

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

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

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Scale	Non-Automatic Electronic Weighing Instruments	1 mg	3.8 μg
		2 mg	3.8 μg
		5 mg	3.8 μg
		10 mg	4.1 μg
		20 mg	4.5 μg
		50 mg	5.1 μg
		100 mg	6.6 μg
		200 mg	8.0 μg
		500 mg	9.5 μg
		1 g	0.013 mg
		2 g	0.016 mg
		3 g	0.028 mg
		4 g	0.031 mg
		5 g	0.024 mg
		6 g	0.043 mg
		7 g	0.045 mg
		8 g	0.056 mg
		9 g	0.059 mg
		10 g	0.038 mg
		15 g	0.058 mg
		20 g	0.051 mg
		More than 20 g up to 30 g	0.079 mg
		35 g	0.11 mg
		40 g	0.093 mg
		45 g	0.12 mg
		50 g	0.079 mg
		More than 50 g up to 60 g	0.11 mg
		More than 60 g up to 70 g	0.13 mg
		More than 70 g up to 80 g	0.15 mg
		More than 80 g up to 90 g	0.17 mg
		95 g	0.19 mg
		100 g	0.14 mg
		More than 100 g up to 120 g	0.19 mg
		More than 120 g up to 145 g	0.25 mg
		150 g	0.22 mg
		More than 150 g up to 180 g	0.29 mg
		More than 180 g up to 195 g	0.32 mg
		200 g	0.29 mg
		More than 200 g up to 230 g	0.36 mg
		More than 230 g up to 245 g	0.46 mg
		250 g	0.44 mg

		More than 250 g up to 295 g	0.53 mg
		300 g	0.50 mg
		More than 300 g up to 400 g	0.66 mg
		More than 400 g up to 500 g	3.2 mg
		More than 500 g up to 600 g	3.7 mg
		More than 600 g up to 750 kg	4.9 mg
		More than 750 g up to 1 kg	6.8 mg
		More than 1 kg up to 1200 g	7.8 mg
		More than 1200 g up to 2 kg	18 mg
		More than 2 kg up to 3 kg	23 mg
		More than 3 kg up to 4 kg	28 mg
		More than 4 kg up to 5 kg	35 mg
		More than 5 kg up to 6 kg	41 mg
		More than 6 kg up to 10 kg	0.15 g
		More than 10 kg up to 20 kg	0.18 g
		More than 20 kg up to 30 kg	0.22 g
		More than 30 kg up to 40 kg	0.27 g
		More than 40 kg up to 50 kg	0.31 g
		More than 50 kg up to 60 kg	0.37 g
		More than 60 kg up to 70 kg	1.7 g
		More than 70 kg up to 80 kg	1.8 g
		More than 80 kg up to 90 kg	1.9 g
		More than 90 kg up to 100 kg	2.0 g
		More than 100 kg up to 200 kg	16 g
		More than 200 kg up to 300 kg	19 g
		More than 300 kg up to 400 kg	32 g
		More than 400 kg up to 500 kg	35 g
		More than 500 kg up to 600 kg	37 g
		More than 600 kg up to 700 kg	80 g
		More than 700 kg up to 800 kg	84 g
		More than 800 kg up to 900 kg	88 g
		More than 900 kg up to 1000 kg	93 g

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

General Field of Calibration: Force
Date of Initial Accreditation of the Field: 2006-07-05
Laboratory's permanent facility/On-site Calibration: On-site Calibration
Calibration and Measurement Capabilities

Calibration Procedures and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Uniaxial Testing Machines	According to JIS B 7721	Compression From 500 N up to 3 MN	0.25 %