

Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0098 Calibration
Name of Conformity Assessment Body	Calibration and Testing Center, Japan Association for Metrology Promotion
Name of Legal Entity	Japan Association for Metrology Promotion JCN 4011105005318
Inquiry Point	Calibration and Testing Center TEL: +81-3-3269-3232 FAX: +81-3-3269-4755

*JCN: Japan Corporate Number



23·05·17-NITE-006
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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 0098 Calibration

Name of Conformity Assessment Body: Calibration and Testing Center,
Japan Association for Metrology Promotion

Name of Legal Entity: Japan Association for Metrology Promotion

Location of Conformity Assessment Body: 25-1 Nando-machi, Shinjuku-ku, Tokyo 162-0837,
JAPAN

Scope of Accreditation: Temperature, Force, Mass (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: 2023-12-13

Expiry Date of Accreditation: 2027-12-12

Date of Initial Accreditation: 2001-07-16

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: Mass

Date of Initial Accreditation of the Field: 2007-07-09

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	1 mg	0.004 mg
		2 mg	0.005 mg
		5 mg	0.006 mg
		10 mg	0.008 mg
		20 mg	0.009 mg
		50 mg	0.012 mg
		100 mg	0.016 mg
		200 mg	0.019 mg
		500 mg	0.026 mg
		1 g	0.032 mg
		2 g	0.040 mg
		5 g	0.050 mg
		10 g	0.060 mg
		20 g	0.080 mg
		50 g	0.090 mg
		100 g	0.10 mg
		200 g	0.30 mg
		500 g	0.50 mg
		1 kg	0.90 mg
		2 kg	2.6 mg
	5 kg	8.0 mg	
	10 kg	12 mg	
	20 kg	29 mg	
	Deadweight	From 1 mg less than 100 mg	0.15 mg
		From 100 mg less than 2 g	0.40 mg
		From 2 g less than 100 g	1.5 mg
		From 100 g less than 1 kg	15 mg
		From 1 kg less than 5 kg	75 mg
From 5 kg less than 10 kg		0.15 g	
From 10 kg less than 20 kg		0.30 g	
From 20 kg less than 21 kg	0.30 g		

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

General Field of Calibration: Temperature

Date of Initial Accreditation of the Field: 2005-11-01

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 %)
Contact type Thermometer	Liquid-in-glass thermometer	0 °C	0.03 °C
		From -50 °C less than 0 °C	0.11 °C
		More than 0 °C up to 100 °C	0.06 °C
		More than 100 °C up to 150 °C	0.07 °C
		More than 150 °C up to 200 °C	0.08 °C
		More than 200 °C up to 250 °C	0.09 °C
		More than 250 °C up to 300 °C	0.17 °C
		More than 300 °C up to 350 °C	0.18 °C

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

General Field of Calibration: Force

Date of Initial Accreditation of the Field: 2001-07-16

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 %)	
Force-proving Instruments	According to JIS B 7728	Compression	From 50 N up to 2 kN	0.045 %
			From 200 N up to 5 kN	0.037 %
			From 1 kN up to 50 kN	0.032 %
			From 10 kN up to 300 kN	0.040 %
			From 50 kN up to 600 kN	0.050 %
			From 50 kN up to 3 MN	0.063 %
		Tension	From 50 N up to 2 kN	0.038 %
			From 200 N up to 5 kN	0.036 %
			From 1 kN up to 50 kN	0.047 %

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 50 N up to 5 MN	0.25 %
		Tension	From 0.5 N up to 300 kN	0.21 %