

Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0104 Calibration
Name of Conformity Assessment Body	Kyushu Testing Office, Japan Quality Assurance Organization
Name of Legal Entity	Japan Quality Assurance Organization JCN 9010005016585
Inquiry Point	Kyushu Testing Office TEL: +81-942-48-7763      FAX: +81-942-48-7760

\*JCN: Japan Corporate Number



24·01·30-NITE-021  
2024-2-26

## 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 0104 Calibration

Name of Conformity Assessment Body: Kyushu Testing Office,  
Japan Quality Assurance Organization

Name of Legal Entity: Japan Quality Assurance Organization

Location of Conformity Assessment Body: 3-2-33 Miyanojin, Kurume-shi, Fukuoka 839-0801,  
JAPAN

Scope of Accreditation: Length, Mass, Temperature, Force,  
Acoustics & Ultrasound (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: 2023-08-27

Expiry Date of Accreditation: 2027-08-26

Date of Initial Accreditation: 2002-02-04

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: 2018-02-02

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	Calipers	up to 300 mm	0.03 mm
		More than 300 mm up to 500 mm	0.04 mm
		More than 500 mm up to 600 mm	0.05 mm
		More than 600 mm up to 1000 mm	0.07 mm
	Micrometers	up to 50 mm	2 $\mu$ m
		More than 50 mm up to 200 mm	4 $\mu$ m
		More than 200 mm up to 300 mm	6 $\mu$ m
		More than 300 mm up to 400 mm	8 $\mu$ m
		More than 400 mm up to 500 mm	9 $\mu$ m
	Height gauges	up to 200 mm	0.02 mm
		More than 200 mm up to 500 mm	0.03 mm
		More than 500 mm up to 600 mm	0.04 mm
		More than 600 mm up to 1000 mm	0.05 mm

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

General Field of Calibration: Mass

Date of Initial Accreditation of the Field: 2002-02-04

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	15 mg
		10 kg	7.0 mg
		5 kg	4.0 mg
		2 kg	1.5 mg
		1 kg	0.50 mg
		500 g	0.40 mg
		200 g	0.15 mg
		100 g	0.080 mg
		50 g	0.050 mg
		20 g	0.040 mg
		10 g	0.045 mg
		5 g	0.030 mg
		2 g	0.020 mg
		1 g	0.015 mg
		500 mg	0.0090 mg
		200 mg	0.0070 mg
		100 mg	0.0060 mg
		50 mg	0.0050 mg
		20 mg	0.0040 mg
		10 mg	
	5 mg		
	2 mg		
	1 mg		
	Deadweight	More than 50 g up to 20 kg	5.0 µg/g
		More than 20 g up to 50 g	0.25 mg
		More than 10 g up to 20 g	0.20 mg
		More than 5 g up to 10 g	0.16 mg
		More than 2 g up to 5 g	0.12 mg
		More than 1 g up to 2 g	0.10 mg
		More than 500 mg up to 1 g	0.080 mg
		More than 200 mg up to 500 mg	0.060 mg
		More than 100 mg up to 200 mg	0.050 mg
More than 50 mg up to 100 mg		0.040 mg	
More than 20 mg up to 50 mg		0.030 mg	
More than 10 mg up to 20 mg		0.025 mg	
From 1 mg up to 10 mg	0.020 mg		

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General Field of Calibration: Temperature

Date of Initial Accreditation of the Field: 2004-08-13

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	0.06 °C
		From -50 °C less than 0 °C	0.12 °C
		More than 0 °C up to 50 °C	0.09 °C
		More than 50 °C up to 100 °C	0.09 °C
		More than 100 °C up to 150 °C	0.10 °C
		More than 150 °C up to 200 °C	0.10 °C
		More than 200 °C up to 250 °C	0.13 °C
		More than 250 °C up to 300 °C	0.16 °C
		More than 300 °C up to 350 °C	0.18 °C
	Temperature sensors with display unit (Comparison calibration)	0 °C	0.06 °C
From -50 °C less than 0 °C		0.08 °C	
More than 0 °C up to 350 °C		0.08 °C	

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General Field of Calibration: Force

Date of Initial Accreditation of the Field: 2018-02-02

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 10 N up to 200 kN	0.20 %
			More than 200 kN up to 2 MN	0.30 %
			More than 2 MN up to 5 MN	0.40 %
		Tension	From 0.1 N up to 1 kN	0.14 %
			More than 1 kN up to 300 kN	0.30 %

General Field of Calibration: Acoustics & Ultrasound

Date of Initial Accreditation of the Field: 2010-07-02

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 %)	
Acoustic Measuring Equipment, etc.	Sound Level Meter (Free-Field Response Level: applying JIS C 1509 -1)	125 Hz	0.5 dB	
		1000 Hz	0.4 dB	
		4000 Hz	0.6 dB	
		8000 Hz	0.6 dB	
	Sound Level Meter (Free-Field Response Level: no applying JIS C 1509-1)	500 Hz	0.4 dB	
		630 Hz	0.4 dB	
		800 Hz	0.4 dB	
		1000 Hz	0.4 dB	
		1250 Hz	0.5 dB	
		1600 Hz	0.6 dB	
	Sound Calibrator (Sound Pressure Level Type LS1 Microphone)	250 Hz	0.15 dB	
		1000 Hz	0.15 dB	
	Sound Calibrator (Sound Pressure Level Type LS2 Microphone)	250 Hz	0.15 dB	
		1000 Hz	0.15 dB	
	Audiometers (WS1 Microphone)	Sound Pressure Level	From 125 Hz up to 4000 Hz	0.6 dB
			More than 4000 Hz up to 8000 Hz	0.6 dB
Audiometers (WS2 Microphone)	Sound Pressure Level	From 125 Hz up to 4000 Hz	0.7 dB	
		More than 4000 Hz up to 8000 Hz	0.9 dB	

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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 %)
Acoustic Measuring Equipment, etc.	Sound Calibrator (Sound Pressure Level Type LS1 Microphone)	250 Hz	0.15 dB
		1000 Hz	0.15 dB
	Sound Calibrator (Sound Pressure Level Type LS2 Microphone)	250 Hz	0.15 dB
		1000 Hz	0.15 dB

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