

Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0214 Calibration
Date of Initial Accreditation	2008-06-11
Effective Date of Accreditation	2019-07-29
Expiry Date of Accreditation	2023-07-28
Name and Location of Conformity Assessment Body	Calibration Services, Technology Center, OHTE GIKEN, INC. 258-1, Nakadai, Kasumigaura-shi, Ibaraki 300-0133, Japan
Name of Legal Entity	OHTE GIKEN, INC. JCN 7050001015449
Inquiry Point	Calibration Services, Technology Center Tel: +81-29-840-9111 FAX: +81-29-840-9100
Accreditation Requirement	ISO/IEC 17025:2017 and Accreditation Requirements in the Section 6 of Accreditation Scheme (JCSS) 2nd Edition (Calibration)
Accreditation Scope	As attached

*JCN: Japan Corporate Number

General Field of Calibration: Mass

Date of Initial Accreditation of the Field: 2009-09-01

Permanent Laboratory/On-site Calibration: Permanent Laboratory

Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %) (Conventional Mass)
Weight	Weight	1 mg	0.005 mg
		2 mg	0.005 mg
		5 mg	0.005 mg
		10 mg	0.005 mg
		20 mg	0.005 mg
		50 mg	0.005 mg
		100 mg	0.010 mg
		200 mg	0.010 mg
		500 mg	0.010 mg
		1 g	0.050 mg
		2 g	0.050 mg
		5 g	0.15 mg
		10 g	0.15 mg
		20 g	0.15 mg
		50 g	0.15 mg
		100 g	0.15 mg
		200 g	0.20 mg
		500 g	2.0 mg
		1 kg	2.0 mg
		2 kg	3.0 mg
	5 kg	10 mg	
	10 kg	25 mg	
	Deadweight	From 1 mg up to 2 g	0.05 mg
		More than 2 g up to 200 g	0.5 mg
		More than 200 g up to 1 kg	4.0 mg
		More than 1 kg up to 2 kg	6.0 mg
		More than 2 kg up to 5 kg	15 mg
	More than 5 kg up to 15 kg	50 mg	

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

General Field of Calibration: Pressure

Date of Initial Accreditation of the Field: 2008-06-11

Permanent Laboratory/On-site Calibration: Permanent Laboratory

Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range		Expanded Uncertainty (Level of Confidence Approximately 95 %)		
Pressure Gauge	Pressure Balance	Gas	Gauge Pressure	From 10 kPa up to 350 kPa	The larger one of the two 0.0035 % or 1.0 Pa	
				More than 350 kPa up to 7000 kPa	The larger one of the two 0.0037 % or 19 Pa	
		Liquid	Gauge Pressure		From 0.1 MPa up to 100 MPa	The larger one of the two 0.0060 % or 0.60 kPa
					More than 100 MPa up to 200 MPa	0.0070 %
					More than 200 MPa up to 350 MPa	0.010 %
					More than 350 MPa up to 400 MPa	0.013 %
	Pressure Gauges (Digital Pressure Gauges, Pressure Transducers)	Gas	Absolute Pressure	From 10 kPa up to 7000 kPa	The larger one of the two 0.0040 % or 4.0 Pa	
			Gauge Pressure	From -90 kPa up to -10 kPa	10 Pa	
				From 10 kPa up to 7000 kPa	The larger one of the two 0.0040 % or 1.0 Pa	
		Liquid	Absolute Pressure		From 0.2 MPa up to 100 MPa	The larger one of the two 0.0060 % or 0.60 kPa
					More than 100 MPa up to 200 MPa	0.0070 %
					More than 200 MPa up to 350 MPa	0.010 %
					More than 350 MPa up to 400 MPa	0.013 %
			Gauge Pressure		From 0.1 MPa up to 100 MPa	The larger one of the two 0.0060 % or 0.60 kPa
					More than 100 MPa up to 200 MPa	0.0070 %
					More than 200 MPa up to 350 MPa	0.010 %
				More than 350 MPa up to 400 MPa	0.013 %	
		Mechanical Type Pressure Gauges	Gas	Gauge Pressure	From -90 kPa up to -10 kPa	100 Pa
					From 10 kPa up to 7000 kPa	0.10 % of maximum pressure
			Liquid	Gauge Pressure	From 0.1 MPa up to 200 MPa	0.10 % of maximum pressure

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

General Field of Calibration: Temperature

Date of Initial Accreditation of the Field: 2013-09-05

Permanent Laboratory/On-site Calibration: Permanent Laboratory

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	Temperature sensors with display unit (Comparison calibration)	From 0 °C up to 100 °C	0.050 K

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