Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0169 Calibration
Date of Initial Accreditation	2005-12-26
Effective Date of Accreditation	2020-01-27
Expiry Date of Accreditation	2024-01-26
Name and Location of Conformity Assessment Body	Tokyo Aircraft Instrument Co., Ltd. 2-6, Oyamagaoka 2-Chome, Machida-shi, Tokyo 194-0296, Japan
Name of Legal Entity	Tokyo Aircraft Instrument Co., Ltd. JCN 8012301008250
Inquiry Point	Calibration Section, Calibration office Tel: +81-42-798-6630 FAX: +81-42-798-6641
Accreditation Requirements	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: Pressure

Date of Initial Accreditation of the Field: 2005-12-26

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 4.9 kPa less than 8.7 kPa	3.5 Pa
			From 8.7 kPa up to 170 kPa	The larger one of the two 0.0028 % or 1.5 Pa
			More than 170 kPa up to 690 kPa	0.0038 %
			More than 690 kPa up to 6900 kPa	0.0037 %
		Gas Absolute Pressure	From 4.9 kPa less than 8.7 kPa	4.1 Pa
			From 8.7 kPa up to 170 kPa	The larger one of the two 0.0034 % or 2.4 Pa
			More than 170 kPa up to 690 kPa	0.0033 %
			More than 690 kPa up to 7000 kPa	0.0035 %
	Pressure Gauges (Digital Pressure Gauges, Pressure Transducers)	Gas Differential Pressure	From 10.0 Pa up to 10.0 kPa [Line Pressure: 100 kPa ± 10 kPa (Absolute Pressure)]	0.70 Pa
			From - 100 kPa up to - 2.0 kPa [Line Pressure: 100 kPa ± 10 kPa (Absolute Pressure)] Comment: Line Pressure ≧ | FS of Differential Pressure | + 5 kPa	5.8 Pa
		Gas Gauge Pressure	From - 95 kPa up to - 2.0 kPa	7.0 Pa
			From 4.9 kPa less than 8.7 kPa	3.5 Pa
			From 8.7 kPa up to 170 kPa	The larger one of the two 0.0030 % or 2.1 Pa
			More than 170 kPa up to 690 kPa	0.0044 %
			More than 690 kPa up to 6900 kPa	0.0042 %

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

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range		Expanded Uncertainty (Level of Confidence Approximately 95 %)
Pressure Gauge	Pressure Gauges (Digital Pressure Gauges, Pressure Transducers)	Gas Absolute Pressure	From 4.9 kPa less than 8.7 kPa	4.2 Pa
			From 8.7 kPa up to 270 kPa	The larger one of the two 0.0034 % or 3.4 Pa
			More than 270 kPa up to 700 kPa	0.0038 %
			More than 700 kPa up to 7000 kPa	0.0036 %
		Liquid Gauge Pressure	From 2.0 MPa less than 4.9 MPa	0.78 kPa
			From 4.9 MPa up to 20 MPa	The larger one of the two 0.0064 % or 0.64 kPa
			More than 20 MPa up to 70 MPa	0.0070 %
	Mechanical Type Pressure Gauges	Gas Gauge Pressure	From - 95 kPa up to - 2.0 kPa	22 Pa
			From 4.9 kPa up to 500 kPa	78 Pa
			More than 500 kPa up to 2000 kPa	0.30 kPa
			More than 2000 kPa up to 6900 kPa	1.1 kPa
		Gas Absolute Pressure	From 4.9 kPa up to 106 kPa	18 Pa
		Liquid Gauge Pressure	From 2.0 MPa up to 10 MPa	1.6 kPa
			More than 10 MPa up to 20 MPa	3.1 kPa
			More than 20 MPa up to 50 MPa	7.7 kPa

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