

COPY



Calibration Laboratory

Accreditation Certificate

Accreditation No. RCL00260



Hirose Electric Co., Ltd.
Testing Center

14-36, Higashidai, Ichinoseki-shi, Iwate, 021-0822 Japan

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said calibration laboratory.

Applicable accreditation criteria	: JIS Q 17025:2018 (ISO/IEC 17025:2017)
Scope of accreditation	: Electromagnetics(DC/Low Frequency), Dimensional (As described in the appendix)
Premises covered by accreditation	: As described in the appendix.
Expiry date of accreditation	: November 30, 2024

Renewed (4) March 24, 2021
Initial accreditation November 24, 2004

A handwritten signature in blue ink, reading 'Y. Iizuka'.

Y. Iizuka, President

Japan Accreditation Board

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Appendix

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Type of Laboratory	Calibration Laboratory
Name of Laboratory	Hirose Electric Co., Ltd. Testing Center
Address	14-36, Higashidai, Ichinoseki-shi, Iwate, 021-0822 Japan

1) Premises on which calibration activities are performed

Name of Premises	Hirose Electric Co., Ltd. Testing Center	
Address of Premises	Postal Code	021-0822
	Address	14-36, Higashidai, Ichinoseki-shi, Iwate, Japan
Calibration service at permanent facilities or on site calibration service	<input checked="" type="checkbox"/> Calibration service at permanent facilities <input checked="" type="checkbox"/> On site calibration service	

Scope of Accreditation

CODE OF CLASSIFICATION, QUANTITY MEASURAND / CALIBRATION ITEM	RANGE OF CALIBRATION	EXPANDED UNCERTAINTY ¹⁾	CALIBRATION PROCEDURE, REMARKS
M13 Dimensional M13.5 Length and step gauges	Diameter 1 mm to 10 mm Over 10 mm to 30 mm	1.3 μ m 1.6 μ m	Calibration object : Pin gauge In-house method : M16-4006 Reference Standard : Master pin gauge
M13.17 Micrometers	Scale interval/Reference Resolution : Length 0.01 mm : 0 mm to 75 mm 0.001 mm : 0 mm to 75 mm	[4.2+L/(250 mm)] μ m [2.2+L/(200 mm)] μ m	Calibration object : External micrometer, Blade micrometer, Crimp height micrometer, Cylinder micrometer, Point micrometer, In-house method : M16-4054 Reference Standard : gauge blocks

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Appendix

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Type of Laboratory	Calibration Laboratory
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Address	14-36, Higashidai, Ichinoseki-shi, Iwate, 021-0822 Japan

CODE OF CLASSIFICATION, QUANTITY MEASURAND / CALIBRATION ITEM	RANGE OF CALIBRATION	EXPANDED UNCERTAINTY ¹⁾	CALIBRATION PROCEDURE, REMARKS	
M13.18 Calipers	Scale interval/Reference Resolution : Length 0.01 mm : 0 mm to 300 mm 0.02 mm : 0 mm to 150 mm 0.05 mm : 0 mm to 300 mm	0.03 mm 0.05 mm 0.11 mm	Calibration object : Vernier caliper, Digimatic caliper, Dial caliper, Constant pressure caliper, Inside caliper, In-house method : M16-4051 Reference Standard : gauge blocks	
M11 Electromagnetics (DC/Low Frequency) M11.25 Withstanding voltage tester AC voltage	50 Hz	5,000 V	2 %	
		3,000 V	2 %	
		2,500 V	2 %	
		2,000 V	2 %	
		1,000 V	3 %	
		500 V	3 %	
		300 V	4 %	
		200 V	5 %	
100 V	8 %	Calibration object : Withstanding voltage tester In-house method : M16-4058 Reference Standard : High voltage digital meter		
M11.25 Withstanding voltage tester AC current	50 Hz		3 mA	1 %
			2 mA	2 %
			1 mA	3 %
			0.5 mA	4 %
			In-house method : M16-4058 Reference Standard : Digital multi meter	

