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	:	ISO/IEC 17025:2017 (JIS Q 17025:2018)
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, 2028

Revised	October 28, 2025
Renewed	December 1, 2024
Initial accreditation	November 24, 2004

Y. Miki, President
Japan Accreditation Board

Issue No. : RCL00260-20251028

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Accreditation Certificate Appendix

Type of Laboratory	Calibration
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	14-36, Higashidai, Ichinoseki-shi, Iwate, 021-0822 Japan
Calibration service at permanent facilities or on-site calibration service	■ Calibration service at permanent facilities ■ 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 From 1 mm up to 10 mm More than 10 mm up to 30 mm	1.3 µm 1.6 µm	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 : From 0 mm up to 75 mm 0.001 mm : From 0 mm up to 75 mm	[4.2+(*L*/mm)/250] µm [2.2+(*L*/mm)/250] µm	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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M13.18 Calipers	Scale interval/Reference Resolution : Length 0.01 mm : From 0 mm up to 300 mm 0.02 mm : From 0 mm up to 150 mm 0.05 mm : From 0 mm up 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 %	Calibration object : Withstanding voltage tester In-house method : M16-4058 Reference Standard : High voltage digital meter
		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 %	
M11.25 Withstanding voltage tester AC current	50 Hz	3 mA	1 %	Calibration object : Withstanding voltage tester In-house method : M16-4058 Reference Standard : Digital multi meter
		2 mA	2 %	
		1 mA	3 %	
		0.5 mA	4 %	

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[1)] Information on the coverage factor	■ k =2; level of confidence of approximately 95 % ☐ coverage factor obtained from the effective degrees of freedom that defines a level of confidence of 95 %, based on the t-distribution ☐ others ( )		
(NOTE) L:Nominal dimension of gauge blocks			

(Notes on Accreditation Certificate)
The laboratory is only accredited for laboratory activities outlined within the methods listed above. Reference to any other activity within these standards, such as risk management or risk assessment, does not fall within the laboratory's accredited capabilities.

When version information of standards or methods are not identified in the scope, laboratories shall adapt to use the current version of such standards within six months at latest from the issued date of current version.

Japan Accreditation Board