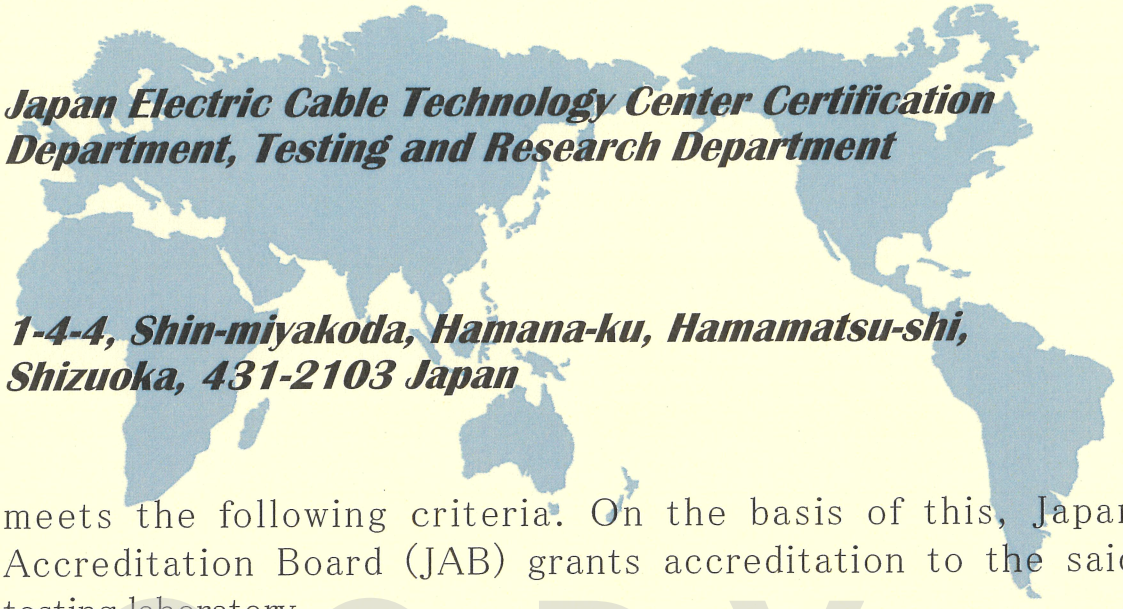
Testing Laboratory

Accreditation Certificate

Accreditation No.RTL01170



Japan Electric Cable Technology Center Certification Department, Testing and Research Department

1-4-4, Shin-miyakoda, Hamana-ku, Hamamatsu-shi, Shizuoka, 431-2103 Japan

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

Applicable accreditation criteria	:	ISO/IEC 17025:2017 (JIS Q 17025:2018)
Scope of accreditation	:	**Electrical Testing** (As described in the appendix)
Premises covered by accreditation	:	As described in the appendix.
Expiry date of accreditation	:	September 30, 2030

Revised	April 6, 2026
Renewed	October 1, 2026
Initial accreditation	September 13, 2002

Y. Miki, President

Japan Accreditation Board

Issue No. : RTL01170-20260406

Accreditation No.	RTL01170

Accreditation Certificate Appendix

Type of Laboratory	Testing
Name of Laboratory	Japan Electric Cable Technology Center Certification Department, Testing and Research Department
Address	1-4-4, Shin-miyakoda, Hamana-ku, Hamamatsu-shi, Shizuoka, 431-2103 Japan

1) Premises on which testing activities are performed

Name of Premises	Japan Electric Cable Technology Center Certification Department, Testing and Research Department	
Address of Premises	Postal code	431-2103
	Address	1-4-4, Shin-miyakoda, Hamana-ku, Hamamatsu-shi, Shizuoka, 431-2103 Japan
Testing service at permanent facilities or on site testing service		■ Testing service at permanent facilities □ On site testing service

Scope of Accreditation

FIELD	M21 Electrical Testing

CODE OF CLASSIFICATION, NAME	TEST METHOD STANDARD
M21 Electrical testing M21.16 Cords and Cables	・Fire resistance test of small scale fired heater Kokuji No.10 of Fire and Disaster Management Agency, article5 ・Fire resistance test of large scale fired heater Kokuji No.10 of Fire and Disaster Management Agency, article6 ・High flame retardant test Kokuji No.10 of Fire and Disaster Management Agency, article1of8 ・Heat resistance test Kokuji No.11 of Fire and Disaster Management Agency, article5 ・High flame retardant test Kokuji No.11 of Fire and Disaster Management Agency, article1of6, JIS C 3521, IEEE 383 2.5:1974, IEEE 383 8:2003, IEEE 383 8, IEEE 1202:1991, IEEE 1202 ・Flame test for single wires or cables IEC 60332-1-1, IEC 60332-1-2, IEC 60332-1-3, EN 60332-1-1, EN 60332-1-2, EN 60332-1-3, IEC 60332-2-1, IEC 60332-2-2, EN 60332-2-1, EN 60332-2-2, ISO 19642-2 5.5.15, ISO 19642-2 6.5.14, JASO D 603 Table2, JASO D 611 Table2, JASO D 618 6.13, JASO D 624 6.17, SAE J 1127 6.7, SAE J 1128 6.7, SAE J 1678 6.8, SAE J 2840 4.12, ・IEC vertical tray flame test IEC 60332-3-10, IEC 60332-3-21, IEC 60332-3-22, IEC 60332-3-23, IEC 60332-3-24, IEC 60332-3-25, EN 60332-3-10, EN 60332-3-21, EN 60332-3-22, EN 60332-3-23, EN 60332-3-24, EN 60332-3-25, EN 50305 9.1,

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CODE OF CLASSIFICATION, NAME	TEST METHOD STANDARD
	BS 6853:1999 Table13, Table14 ・Heat release and smoke production measurement on cables during flame spread test EN 50399 ・Test on gases evolved during combustion of materials from cables IEC 60754-2, EN 60754-2, JIS C 3666-2 ・3m Cube Smoke release test IEC 61034-1, IEC 61034-2, EN 61034-1, EN 61034-2 ・Toxicity evaluation of combustion effluent EN 50305 9.2 ・Sandpaper abrasion test ISO 19642-2 5.3.2.4, JIS C 3406 6.9, JASO D 603 Table2, JASO D 611 Table2, JASO D 618 6.7.1, JASO D 624 6.11.1, SAE J 1128 6.11, SAE J 1654 5.4, SAE J 1678 6.12, SAE J 2183 9.1, SAE J 2840 4.10 ・Scrape abrasion test ISO 19642-2 5.3.2.5, JASO D 603 Table2, JASO D 611 Table2, JASO D 618 6.7.2, JASO D 624 6.11.2
M21 Electrical testing M21.17 Accessories M21.17.7 Other Accessories	・3m Cube Smoke release test BS 6853:1999 Annex D ・Determination of optical density by a single-chamber test ISO 5659-2, EN ISO 5659-2, JIS K 7242-2 ・Determination of optical density by a smoke density chamber ASTM E662 ・Toxicity evaluation of combustion effluent BS 6853:1999 Annex B1, Annex B2, EN 45545-2 Annex C Method1, Method2, EN 17084 Method1, Method2, ISO/TS 19021 ・Heat release Measurement using Cone calorie meter ISO 5660-1, JIS A 1316, EN 45545-2 5.2.1.1, ASTM E1354 ・Determination of burning behavior by oxygen index ISO 4589-2, EN ISO 4589-2, JIS K 7201-2, ASTM D2863 ・Surface burning characteristics of building materials ASTM E84, UL 723 ・Reaction to fire tests (spread of flame) ISO 5658-2 ・Glowing / hot-wire based test IEC 60695-2-10, IEC 60695-2-11, IEC 60695-2-12, IEC 60695-2-13, JIS C 60695-2-10, JIS C 60695-2-11, JIS C 60695-2-12, JIS C 60695-2-13, EN 60695-2-10, EN 60695-2-11, EN 60695-2-12, EN 60695-2-13 ・50W horizontal and vertical flame test

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CODE OF CLASSIFICATION, NAME	TEST METHOD STANDARD
	IEC 60695-11-10, EN 60695-11-10, JIS C 60695-11-10 ・Method for the determination of the proof and the comparative tracking indices of solid insulating materials IEC 60112, EN 60112, JIS C 2134
M21 Electrical testing M21.5 Environmental testing M21.5.3 Change of temperature Test	・Thermal shock test JIS C 60068-2-14, IEC 60068-2-14 Test Na (except 6) -55℃≦ Test temperature ≦125℃ Excluding exposure time of 10 minutes

(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.

Notes for EMC test laboratory for FCC

Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (https://apps.fcc.gov/oetcf/eas/) for a listing of FCC approved laboratories.

Japan Accreditation Board