Testing Laboratory

Accreditation Certificate

Accreditation No.RTL04780

Eurofins FQL Ltd.

1-1, Shinogura, Saiwai-ku Kawasaki-shi, Kanagawa, 212-8510 Japan

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

Applicable accreditation criteria	:	JIS Q 17025:2018 (ISO/IEC 17025:2017)
Scope of accreditation	:	**Electrical testing** (As described in the appendix)
Premises covered by accreditation	:	As described in the appendix.
Expiry date of accreditation	:	June 30, 2028

Revised	December 20, 2023
Renewed	July 1, 2024
Initial accreditation	June 16, 2020

Y. Iizuka

Y. Iizuka, President

Japan Accreditation Board

Issue No. : RTL04780-20231220

COPY

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Accreditation Certificate Appendix

Type of Laboratory	Testing Laboratory
Name of Laboratory	Eurofins FQL Ltd.
Address	1-1, Shinogura, Saiwai-ku Kawasaki-shi, Kanagawa, 212-8510 Japan

1) Premises on which testing activities are performed

Name of Premises	Eurofins FQL Ltd.	
Address of Premises	Postal code	212-8510
	Address	1-1, Shinogura, Saiwai-ku Kawasaki-shi, Kanagawa, 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
M21.5.1 Cold tests	IEC60068-2-1/JIS C 60068-2-1 Test Ab (Temperature conditions are limited to -50℃ to +5℃. except for paragraph 6.8, 6.10, 6.13) JEDEC JESD22-A119A (except for paragraph 3.2, 3.3)
M21.5.2 Dry heat tests	IEC 60068-2-2 / JIS C 60068-2-2 Test Bb (Temperature conditions are limited to +30℃ to +175℃. except for paragraph 6.7, 6.9, 6.13) JEDEC JESD22-A103E (except for Condition D, E, F and paragraph 4.2, 4.3)
M21.5.3 Test N: Change of temperature	IEC 60068-2-14 / JIS C 60068-2-14 (Temperature conditions for test Na are limited to 0℃ to -65℃ on the low temperature side and +30℃ to + 175℃ on the high temperature side. Temperature conditions for test Nb are limited to +5℃ to -65℃ on the low temperature side and +30℃ to + 175℃ on the high temperature side, and a temperature change rate of 10±2 K/min or less. except for paragraph 6.1, 6.2) JEDEC JESD22-A104E (except for paragraph 5.9, 6) JEDEC JESD22-A106B.01 (except for paragraph 4.2, 4.3)
M21.5.5 Damp heat tests, steady state	IEC 60068-2-78 / JIS C 60068-2-78 (except for paragraph 5.1, 5.2, 5.3) JEDEC JESD22-A101D (except for bias apply, paragraph 4.4, 4.5, 5)
M21.5.17 Weatherability tests	JIS K 7350-2 (except for paragraph 4.7, 6.1- table3,6.1-table4 item 11,12,15,16 and narrow band, 6.2-table3,6.2-table4-item11,12,15,16 and narrow band, paragraph 7.5) JASO M351 (except for paragraph 4.1, 5, 6, 7-c)test result 2)

Japan Accreditation Board