



IECQ Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.:	IECQ-L ULTW 21.0004	Issue No.:	1	Status:	Current
Supersedes:		Issue Date:	2021/10/19	Org Issue:	2021/10/19
CB Reference No.:	50600039 ITL	Expiration:	2024/10/18		

Powertech Technology Inc. RA/CAL Lab
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Hukou, Hsinchu 30352
Taiwan

The organization, facilities and procedures have been assessed and found to comply with the applicable requirements for Independent Testing Laboratory organization approval, in support of the IECQ system, which is in accordance with the Basic Rules IECQ 01 and Rules of Procedure IECQ 03-6 "Independent Testing Laboratory Assessment Program Requirements" of the IEC Quality Assessment System for Electronic Components (IECQ) and applicable requirements of ISO/IEC 17025:2017 for the testing of electronic components under the IECQ.

Scope:
Reliability test of semiconductor devices and the calibration of thermometer.
See attached Schedule.

-- Attached Schedule: IECQ-L_ULTW_50600039 ITL, 10-19-21.pdf --

Approved by Certification Body (CB): DQS Group - DQS Taiwan Inc.

8th Fl., 23, Yuan Huan West Road,
Feng Yuan Dist., Taichung City
Taiwan

Authorized person:
Rock Chang



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.
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Schedule of Scope to Certificate of Conformity Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 21.0004

CB Certificate No.: 50600039 ITL

Schedule Number: IECQ-L ULTW 21.0004-S

Rev No.: 1

Revision Date: 2021/10/19

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Appendix-1 (50600039 ITL) Schedule of Scope to Certificate of Approval

Description test	Standard
Pre condition	J-STD-020
Temperature Cycling (TCT)	JESD22-A104
High Temperature Storage Life (HTSL)	JESD22-A103
Highly Accelerated Temperature and Humidity Stress Test (HAST)	JESD22-A110
Accelerated Moisture Resistance -Unbiased Autoclave (AC)	JESD22-A102
Accelerated Moisture Resistance - Unbiased HAST (uHAST)	JESD22-A118
Steady-State Temperature-Humidity Bias Life Test (THB)	JESD22-A101
Temperature-Humidity Life Test (TH)	JESD22-A101

Description test	Range	Standard
Temperature	0°C ~500°C	EURAMET_cg-11

Technical Reviewer of DQS: Michael Chou

Date: 10/19/2021

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