



# IECQ QUALITY ASSESSMENT SYSTEM (IECQ)

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

## IECQ Certificate of Approval Independent Testing Laboratory

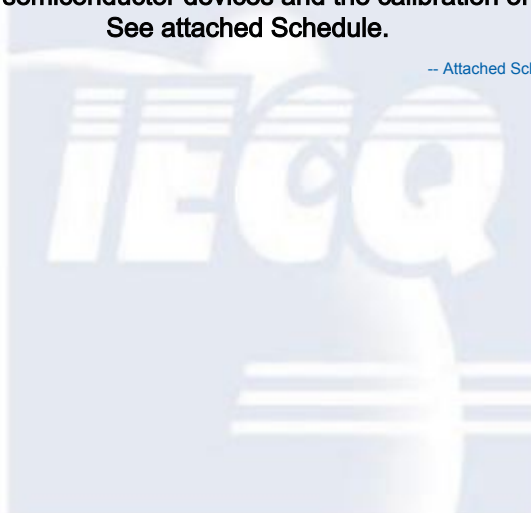
IECQ Certificate No.:	IECQ-L ULTW 21.0004	Issue No.:	2	Status:	Current
Supersedes:	<a href="#">IECQ-L ULTW 21.0004 Issue 1</a>	Issue Date:	2024/09/24	Org Issue:	2021/10/19
CB Reference No.:	50600039 ITL	Expiration:	2027/10/18		

**Powertech Technology Inc. RA/CAL Lab**  
No. 15, Datong Rd., Hsinchu Industrial Park  
Hukou, Hsinchu 30352  
Taiwan

The organization, facilities and procedures have been assessed by the IECQ Certification Body in accordance with IECQ 03-1 and IECQ 03-6 for issuance of this certificate and found to be in conformity with the applicable requirements of the IECQ Independent Testing Laboratory Assessment Program Requirements Scheme and in respect of ISO/IEC 17025:2017 for the testing of component product under the IECQ.

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

-- Attached Schedule: IECQ-L\_ULTW\_50600039 ITL, 09-24-24.pdf --



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

8F, 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.  
This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.  
This certificate and any schedule(s) may only be reproduced in full.  
This certificate is not transferable and remains the property of the issuing IECQ CB.  
The Status and authenticity of this certificate may be verified by visiting [www.iecq.org](http://www.iecq.org)



# IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,  
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

## 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.: 2

Revision Date: 2024/09/24

Page 1 of 1

### 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: \_\_\_\_\_

Date: 9/24/2024

This schedule is only valid in conjunction with the referenced Certificate of Approval  
This approval and any schedule(s) may only be reproduced in full.  
This approval is not transferable and remains the property of the issuing body.  
The Status and authenticity of this approval and any schedule(s) may be verified by visiting the  
Official IECQ Website: [www.iecq.org](http://www.iecq.org)

DQS-Group - DQS Taiwan Inc., Feng Yuan Dist., Taichung City, Taiwan





# IECQ QUALITY ASSESSMENT SYSTEM (IECQ)

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

## IECQ Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 21.0004-01 Issue No.: 1 Status: Current

Additional Site to Certification: IECQ-L ULTW 21.0004 Originally Issued: 2021/10/19

Supersedes: Issue Date: 2024/10/28 Site Added: 2024/10/28

CB Reference No.: 50600629 ITL Expiration: 2027/10/18

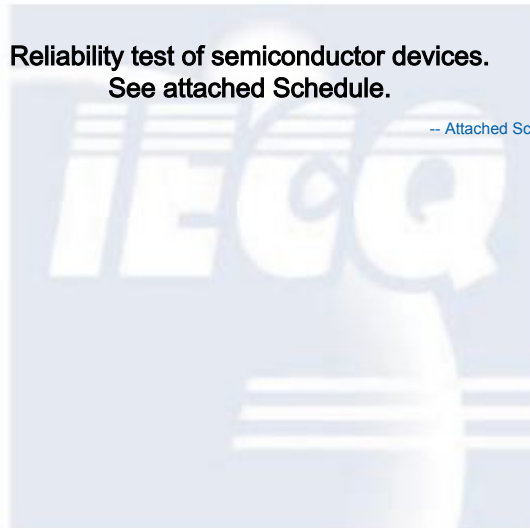
**Powertech Technology Inc. RA Lab**  
No. 15, Lixing 3rd Rd., Hsinchu Science Park  
Hsinchu City 300094  
Taiwan

The organization, facilities and procedures have been assessed by the IECQ Certification Body in accordance with IECQ 03-1 and IECQ 03-6 for issuance of this certificate and found to be in conformity with the applicable requirements of the IECQ Independent Testing Laboratory Assessment Program Requirements Scheme and in respect of ISO/IEC 17025:2017 for the testing of component product under the IECQ.

**Scope:**

**Reliability test of semiconductor devices.  
See attached Schedule.**

-- Attached Schedule: IECQ-L\_ULTW\_50600629 ITL, 10-28-24.pdf --



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

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

Authorized person:  
**Bob CHEN**



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.

This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.

This certificate and any schedule(s) may only be reproduced in full.

This certificate is not transferable and remains the property of the issuing IECQ CB.

The Status and authenticity of this certificate may be verified by visiting [www.iecq.org](http://www.iecq.org)



# IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,  
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

## Schedule of Scope to Certificate of Conformity Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 21.0004-01

CB Certificate No.: 50600629 ITL

Schedule Number: IECQ-L ULTW 21.0004-01-S Rev No.: 1 Revision Date: 2024/10/28 Page 1 of 1

### Appendix-1 (50600629 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
Accelerated Moisture Resistance -Unbiased Autoclave (AC)	JESD22-A102
Accelerated Moisture Resistance - Unbiased HAST (uHAST)	JESD22-A118
Temperature-Humidity Life Test (TH)	JESD22-A101

Technical Reviewer of DQS:  Date: 10/28/2024

This schedule is only valid in conjunction with the referenced Certificate of Approval  
This approval and any schedule(s) may only be reproduced in full.  
This approval is not transferable and remains the property of the issuing body.  
The Status and authenticity of this approval and any schedule(s) may be verified by visiting the  
Official IECQ Website. [www.iecq.org](http://www.iecq.org)

DQS-Group - DQS Taiwan Inc., Feng Yuan Dist., Taichung City, Taiwan

