



IECQ QUALITY ASSESSMENT SYSTEM (IECQ)

For rules and details of the IECQ visit www.iecq.org

IECQ Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.:	IECQ-L ULTW 16.0003-14	Issue No.:	1	Status:	Current
Additional Site to Certification: IECQ-L ULTW 16.0003 Originally Issued: 2016/07/28					
Supersedes:			Issue Date:	2024/08/07	Site Added: 2024/08/07
CB Reference No.:	50600326 ITL			Expiration:	2025/07/27

Materials Analysis Technology (Shanghai) Ltd.
Building 15 & 16, No. 1500, Zuchongzhi Rd.,
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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:
The materials analysis and failure analysis of semiconductors.
See attached Schedule.

-- Attached Schedule: IECQ-L_ULTW_50600326 ITL. 08-07-24.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This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.

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Schedule of Scope to Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 16.0003-14

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Schedule Number: IECQ-L ULTW 16.0003-14-S Rev No.: 1 Revision Date: 2024/08/07 Page 1 of 2

Appendix-1 (50600326 ITL) Schedule of Scope to Certificate of Approval

Description test	Standard
Scanning Electron Microscope (SEM)	T-SEM-3
Energy Dispersive Spectrometry of X-ray (EDS)	T-SEM-3, T-TEM-3
X-Ray imaging	T-EFA-3
Scanning Acoustic Tomography (SAT)	T-EFA-3
Optical Microscope (OM)	T-OMI-3
3D Optical Microscope (3D OM)	T-LAB-3
IC Layout Imaging	T-OMI-3
Circuitry analysis	T-OMI-3
3D X-Ray microscope	T-EFA-3
Nano Probe	T-EFA-3
Secondary Ion Mass Spectrometry (SIMS)	T-SIM-3
Atomic Force Microscope (AFM)	T-SIM-3

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





IEC QUALITY ASSESSMENT SYSTEM (IECQ)
covering Electronic Components,
Assemblies, Related Materials and Processes
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Schedule of Scope to Certificate of Approval
Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 16.0003-14

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Conductive atomic force microscopy (C-AFM)	T-SIM-3
Alpha-step stylus profiler	T-SIM-3
X-Ray Photoelectron Spectroscopy (XPS)	T-SIM-3
Scanning Capacitance Microscopy (SCM)	T-SIM-3

Technical Reviewer of DQS: Paul Yang Date: 8/7/2024

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