



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.

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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**

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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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