

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 2654 Accredited to ISO/IEC 17025:2017	Horiba MIRA Limited	
	Issue No: 029 Issue date: 21 August 2026	
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Testing performed at the above address only		

Flexible Scope

The Flexible Scope applies to the laboratory's accreditation to ISO/IEC17025:2017 for testing activities in accordance with the standards listed in the schedule. This may also include tests on the same or similar product types against standards, or customer-specified methods, that are not specifically listed in this Schedule, providing that:

1. The method or standard does not introduce new principles of measurement.
2. The method or standard does not require measurements to be made outside the parametric boundaries defined in this Schedule.

Information about flexible scopes of accreditation is available in UKAS document GEN 4.



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
VEHICLES IN EEC & ECE CATEGORIES M1, M2, M3 N1, N2, N3		
AEROSPACE COMPONENTS AND EQUIPMENT	ENVIRONMENTAL TESTING	Documented In-House Methods, Customer Procedures and International Standards
AGRICULTURE EQUIPMENT		
AUTOMOTIVE COMPONENTS AND ASSEMBLIES	HIGH TEMPERATURE (Constant)	IEC 60068-2-2 :2007 BS EN 60068-2-2 :2007
COMPUTER AND PERIPHERAL EQUIPMENT	Max temp: +120 °C Limiting chamber size: 3.0 m x 3.0 m x 3.0 m	
CONSTRUCTION PLANT EQUIPMENT	Max temp: +90 °C	RTCA DO160G Section 4 MIL-STD-810G, Method 501.5 DEF STAN 00-35, Part 3, Issue 4, Test CL2, (superseded)
DOMESTIC APPLIANCES AND COMPONENTS	Limiting chamber size: 4.0 m x 3.0 m x 3.0 m	
ELECTRICAL/ELECTRONIC COMPONENTS	LOW TEMPERATURE (Constant)	IEC 60068-2-1 :2007
MARINE EQUIPMENT	Min temp: - 70 °C Limiting chamber size:	
MINING PLANT AND EQUIPMENT	1.0 m x 1.0 m x 1.0 m	RTCA DO160G Section 4 MIL-STD-810G, Method 501.5 DEF STAN 00-35, Part 3, Issue 4, Test CL5, (superseded)
PLASTIC COMPONENTS	Min temp: - 45 °C Limiting chamber size:	
RECORDING/INDICATING EQUIPMENT	3.0 m x 3.0 m x 3.0 m	
TELECOMMUNICATION EQUIPMENT	Min temp: - 40 °C Limiting chamber size: 4.0 m x 3.0 m x 3.0 m	
(cont'd next page)		



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As Listed on Page 2 plus ELECTRIC VEHICLE COMPONENTS INCLUDING; BATTERY MANAGEMENT UNITS; BATTERY MANAGEMENT SYSTEMS; HIGH VOLTAGE JUNCTION BOXES; CONTACTORS; ONBOARD CHARGERS; DC TO DC CONVERTERS; MANUAL DISCONNECT SWITCHES; BATTERY COOLING SYSTEMS BATTERY & RECHARGEABLE ENERGY STORAGE SYSTEM (REESS) TECHNOLOGIES INCLUDING; LITHIUM-ION & SODIUM-ION CELLS IN CYLINDRICAL, PRISMATIC & POUCH FORM FACTORS LITHIUM-ION & SODIUM-ION MODULES LITHIUM-ION & SODIUM-ION BATTERIES ELECTRIC VEHICLE BATTERY PACKS	ENVIRONMENTAL TESTING (cont'd) HIGH/LOW TEMPERATURE, WITHOUT HUMIDITY (Cyclic) Max temp: + 120 °C Min temp: - 45 °C Limiting chamber size: 3.0 m x 3.0 m x 3.0 m HIGH/LOW TEMPERATURE CYCLING WITH HUMIDITY (Cyclic) Max temp: + 85°C with humidity. +120°C (uncontrolled humidity) Min temp: - 45 °C (uncontrolled humidity) Humidity range: 40 %RH - 95 %RH Limiting chamber size: 3.0 m x 3.0 m x 3.0 m Max temp: + 85 °C Min temp: - 40 °C (uncontrolled humidity) Humidity range: 40 %RH - 80 %RH Limiting chamber size: 4.0 m x 3.0 m x 3.0 m HIGH HUMIDITY - STEADY STATE Max temp: + 85°C Min temp: - 45 °C Uncontrolled humidity Humidity range: 40 %RH - 95 %RH Limiting chamber size: 3.0 m x 3.0 m x 3.0 m Max temp: + 85 °C Min temp: - 40 °C (Uncontrolled humidity) Humidity range: 40 %RH - 80 %RH Limiting chamber size: 4.0 m x 3.0 m x 3.0 m	IEC 60068-2-14:2009, Test Nb BS EN 60068-2-14:2009, Test Nb IEC 60068-2-38:2009 BS EN 60068-2-38:2009 DEF STAN 00-35, Part 3, Issue 4:2006, Test CL6, (superseded) RTCA DO160 G section 6. IEC / BS EN 60068-2-30:2005 MIL STD 810G Method 507.5 (superseded) BS EN 60068-2-78:2001, TestCab BS EN 60068-2-78:2013 TestCab MIL-STD-810G, Method 507.5 DEF STAN 00-35, Part 3, Issue 4, Test CL6, (superseded)



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As listed on Pages 2 & 3	THERMAL SHOCK (Automatic Transfer) Max temp: + 135 °C Min temp: - 45 °C Limiting chamber size: 770 mm x 610 mm x 650 mm VIBRATION Sinusoidal and Random EM Vibrators Ambient and Climatic Peakthrust Single: 350 kN Peakthrust Dual: 148 kN Frequency range: 5 Hz to 2.6 kHz Axes: Vertical and horizontal Climatic Vibration: Max temp: + 135 °C Min temp: - 60 °C Limiting chamber size: 1.0 m x 1.0 m x 1.0 m Max temp: + 135 °C Min temp: - 45 °C Humidity range: 40 %RH - 95 %RH Limiting chamber size: 3.0 m x 3.0 m x 3.0 m Max temp +100C Min temp -40C Limiting chamber size 3.0m L x 2.0m W x 2.0m H Max temp: + 90 °C Min temp: - 40 °C Humidity range: 40 %RH - 80 %RH Limiting chamber size: 4.0 m x 3.0 m x 3.0 m	IEC 60068-2-14:2009, Test Na BS EN 60068-2-14:2009, Test Na RTCA DO 160G section 5 Sinusoidal Methods IEC 60068-2-6:2008, Test Fc BS EN 60068-2-6:2008, Test Fc Mil Std 810G, method 514.6, Procedure 1 (superseded) MIL STD 810G change note 1, method 514.7 procedure 1 (vibration) DEF STAN 00-35, Part 3, issue 4, Test M1 RTCA DO160G, section 8 UN ST/SG/AC.10/11 Rev 6 - Section 38.3 Test T3 Vibration UN ECE R100 Rev.3 - E/ECE/324 Rev.3 - E/ECE/TRANS/505 Rev.3 Annex 9A Vibration Random Methods IEC 60068-2-64:2008 BS EN 60068-2-64:2008 Mil Std 810G, method 514.6, Procedure 1, (superseded) MIL STD 810G change note 1, method 514.7 procedure 1 (vibration) DEF STAN 00-35, Part 3, issue 4, Test M1 (superseded) RTCA DO160G, section 8 Sine on Random Methods Random on Random Methods Mil Std 810G, method 514.6, Procedure 1, (superseded) DEF STAN 00-35, Part 3, issue 4, Test M1, (superseded) RTCA DO160G, section 8



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As listed on Pages 2 & 3	MECHANICAL SHOCK Vibration systems Peak thrust single : 900 kN Peak thrust dual : 444 kN Max accel : 248g Max displacement : 76.2mm p/p DIMENSIONAL MEASUREMENTS Angle: 0° to 90° Length: up to 1 m	 IEC 60068-2-27:2009 BS EN 60068-2-27:2009 UN ST/SG/AC.10/11 Rev 6 Section 38.3 Test T.4 Shock In-House Procedures Customer Procedures
Automotive Electronic Components	<u>Associated Functional Exercising</u> Automotive Components and Assemblies using In-House Test Equipment Voltage DC: Up to 1000V Voltage AC: Up to 500V Current DC: Up to 700A (battery cyclers) Resistance: 0.5 mΩ to 10 MΩ Isolation Resistance: Up to 2.2GΩ Frequency: up to 1 MHz Time: 20 μs to 10 days	 Documented In-House Methods and Customer Specifications
Assemblies and Components	Force application and measurement 0 N to 500 N	In-House Procedure GE3039/0/01 and Customer Specifications
END		