

NO: SAMM 1207

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LABORATORY LOCATION/ CENTRAL OFFICE: 	GTI TESTING LABORATORY 43, BLOCK B , JALAN TELUK KAPAS N27/N, SENTRAL 27, SEKSYEN 27 , 40400, SELANGOR MALAYSIA
ACCREDITED SINCE :	29 APRIL 2025
FIELD(S) OF TESTING:	Electrical and Electronic Equipment and Automotive Parts/Materials/Component Electrical and Electronic Equipment and Automotive Parts/Materials/Component MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	GTI TESTING LABORATORY 43, BLOCK B , JALAN TELUK KAPAS N27/N, SENTRAL 27, SEKSYEN 27 , 40400, Selangor
FIELD(S) OF TESTING :	, , MECHANICAL

**SCOPE OF TESTING : Electrical and Electronic Equipment and Automotive
Parts/Materials/Component**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
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SCOPE OF TESTING : MECHANICAL

Schedule

Issue date: 29 April 2025
Valid Until: 29 April 2030



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Electrical And Electronic Equipment And Automotive Parts/materials/component	Low Temperature Tests (down to -60 °C)	IEC 60068-2-1 (Test A)
	High Temperature Tests (up to +200 °C)	ISO 16750-4 (Clause 5.1.1)
	Rapid Change of Temperature with prescribe time (-60 °C to 200 °C)	IEC 60068-2-2 (Test B)
	Change of Temperature with specific rate (-60 °C to 150 °C)	ISO 16750-4 (Clause 5.1.2)
	Damp Heat, Cyclic Test (25 °C to 55 °C) (95% RH)	IEC 60068-2-14 (Test Na)
	Damp Heat, Steady State Test (30 °C to 40°C) (95% RH)	ISO 16750-4 (Clause 5.3.2)
	Accelerated Aging of Sterile Barrier Systems and Medical Devices (20 to 80°C)	IEC 60068-2-14 (Test Nb)
	Performance Testing of Shipping Containers and Systems (Random - 1Hz to 200Hz)	ISO 16750-4 (Clause 5.3.1)
	Vibration (Sinusoidal) (5 Hz to 2000 Hz)	IEC 60068-2-30 (Test Db)
	Accelerated Exposure of automotive exterior parts	ISO 16750-4 (Clause 5.6)
	Accelerated Exposure of automotive interior parts	ISO 16750-4 (Clause 5.7)
	Salt Spray Test	IEC 60068-2-78 (Test Cab)
		ISO 16750-4 (Clause 5.7)
		ASTM F1980
		ASTM D4169
		Schedule A - Manual Handling
		Schedule B - Warehouse Stacking
		Schedule C - Vehicle Stacking
		Schedule D - Stacked Vibration
		Schedule E - Vehicle Vibration
		Schedule F - Loose Load Vibration
		Schedule J - Concentrated Impact
		IEC 60068-2-6 (Test Fc)
		ISO 16750-3
		SAE J 2527
		SAE J 2412
		ASTM B117

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