


NO: SAMM 1119

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LABORATORY LOCATION/ CENTRAL OFFICE:	Proton Test Centre, Perusahaan Otomobil Nasional Sdn. Bhd. Persiaran Kuala Selangor, Seksyen 26, 40400 Shah Alam, Selangor , 40400, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	25 MARCH 2025
FIELD(S) OF TESTING:	MECHANICAL
FIELD(S) OF CALIBRATION:	DIMENSIONAL

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).

*** The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

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FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Automotive Component	Vibration Durability	JIS D 1601:1995
Materials & Automotive Component	Shore Hardness Type A & D	ASTM D 2240:2015 ISO 9227:2017
	Natural salt Spray	SAE J 400:2012
	Paint Hard Chipping	ASTM E92-2017 ASTM E18-2019
	Vickers Hardness Test Rockwell Hardness Test	
Nvh	None	None
Qc Material	None	None
Road Vehicles	Door Slam Operational Durability	PES-8020:2019
	Bumper Impact	None

Schedule

Issue date: 25 March 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Road Vehicles / Body In White (biw)	Body Leak Test	PES-9203 : 2021
Safety & Intelligent Driv	None	None
System & Material	None	None

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FIELD(S) OF CALIBRATION :	DIMENSIONAL,

SCOPE OF CALIBRATION : DIMENSIONAL

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (\pm)*	Remarks
Micrometer	0 to 25 mm	0.001 mm	Calibrated using gauge blocks based on BS EN
	0 to 25 mm	None	ISO 14978:2018
	1 inch traverse and setting rod for length up to 6 inch	None	BS 959:2008
	0.0003 inch		
	None		
	25 mm traverse with 0.001 mm to 25 mm	1 μ m	Gauge Block BS EN ISO 3611
Vernier Caliper	0 to 150 mm	0.01 mm	Calibrated using gauge blocks based on BS EN ISO 13385-1:2019

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