

Schedule


Issue date: 20 August 2025
Valid Until: -



NO: SAMM 784

(Issue 2, 20 August 2025 replacement of SAMM 784 dated 03 January 2024)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Inspectorate Malaysia Sdn. Bhd. (Tanjung Langsat) Laboratory Building, Langsat Bitumen Terminal Plo 49, Jalan Tengar, Tanjung Langsat Industrial Complex, 81700 Pasir Gudang, Johor , 81700, JOHOR MALAYSIA
	
ACCREDITED SINCE :	20 AUGUST 2025
FIELD(S) OF TESTING:	CHEMICAL

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:	Inspectorate Malaysia Sdn. Bhd. (Tanjung Langsat) Laboratory Building, Langsat Bitumen Terminal Plo 49, Jalan Tengar, Tanjung Langsat Industrial Complex, 81700 Pasir Gudang, Johor , 81700, Johor
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Asphalt/bitumen	Penetration @ 25°C	ASTM D5/D5M-20
	Retained Penetration % of Original (Penetration @ 25°C) after TFOT @ 163°C	ASTM D5/D5M-20 ASTM D1754/D1754M-20
	Retained Penetration % of Original (Penetration @ 25°C) after RTFOT @ 163°C	ASTM D5/D5M-20 ASTM D2872-22
	Drop in Penetration @ 25°C after Loss on Heating (LOH)	ASTM D5/D5M-20 ASTM D6/D6M-95(2018)
	Softening Point of Bitumen (Ring and Ball Apparatus)	ASTM D36/D36M-20
	Viscosity @ 60°C and 135°C	ASTM D2171/D2171M-18

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Change in Viscosity @ 60°C and 135°C after RTFOT @ 163°C	ASTM D2171/D2171M-18 ASTM D2872-22
	Density @ 25°C	ASTM D70/D70M-21
	Effect of Heat and Air (Thin Film Oven Test: TFOT) @ 163°C	ASTM D1754/D1754M-20
	Loss on Heating (LOH)	ASTM D6/D6M-95(2018)
	Rolling Thin Film Oven Test (RTFOT) @ 163°C	ASTM D2872-22
	Ductility @ 10, 15 and 25°C	ASTM D113-17
	Ductility after Thin Film Oven Test (TFOT)	ASTM D113-17 ASTM D1754/D1754M-20
	Flash Point by Cleveland Open Cup, COC	ASTM D92-18
	Solubility in Trichloroethylene or Toluene	ASTM D2042-22
	Paraffin Wax Content	EN 12606-1: 2007

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