Schedule

Issue date: 25 November 2022
Valid Until: 20 January 2028

NO: SAMM 629

LABORATORY LOCATION/ CENTRAL OFFICE:	Petrotechnical Inspection (M) Sdn Bhd, Port Klang Wisma SGS Lot 603 Lebuh Raya Lumu, Kawasan Perindustrian PKNS Pandamaran, 42000 Port Klang, Selangor , 42000, SELANGOR MALAYSIA
ACCREDITED SINCE :	20 JANUARY 2014
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:	Petrotechnical Inspection (M) Sdn Bhd, Port Klang Wisma SGS Lot 603 Lebuh Raya Lumu, Kawasan Perindustrian PKNS Pandamaran, 42000 Port Klang, Selangor , 42000, Selangor
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**
Lubricant Oil	Dynamic Viscosity and Density of Liquids by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)	ASTM D7042-21a
	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	ASTM D2896-21
	Acid Number of Petroleum Products by Potentiometric Titration	ASTM D664-18e2
	Flash Point by Small Scale Closed Cup Tester	ASTM D3828-16a(2017)

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Material / Product Tested	**Type Of Test / Properties Measured / Range Of Measurement**	**Standard Test Methods / Equipment / Techniques**
	Determination of Water in Petroleum Products, Lubrication Oils, and Additives by Coulometric Karl Fisher Titration	ASTM D6304-20
	Multielement Determination of Used and Unused Lubrication Oils and Based Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)	ASTM D5185-18
	Calculation Viscosity Index from Kinematic Viscosity at 40 and 100 °C	ASTM D2270-10(2016)
Petroleum Products	ASTM Color of Petroleum Products (ASTM Color Scale)	ASTM D1500-12(2017)
	Ash from Petroleum Products	ASTM D482-19
	Water in Petroleum Products and Bituminous materials by Distillation	ASTM D95-13
	Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method	ASTM D1298-12b
	Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)	ASTM D445-18
	Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93-20
	Suplhur in Petroleum and Petroleum Products by Energy Dipersive X-ray Fluorescene Spectrometry	ASTM D4294-21
	Density, Relative Density and API Gravity of Liquids by Digital Density Meter	ASTM D4052-22
	Pour Point of Petroleum Products	ASTM D97-17b
Petroleum Products/ Aviation Fuels	Determination of Flash Point – ABEL Closed Cup Method	IP 170/2021
	Electrical Conductivity of Aviation and Distillate Fuels	ASTM D2624-21a
	Particulate Contamination on Aviation Fuels by Laboratory Filtration	ASTM D5452-20
	Distillation of Petroleum Products at Atmospheric Pressure	ASTM D86-20b
	Corrosiveness to Copper from Petroleum Products by Copper Strip Test	ASTM D130-19
	Freezing Point of Aviation Fuels	ASTM D2386-19

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Gum Content in Fuels by Jet Evaporation	ASTM D381-22
	Determination of Existent Gum Content of Aviation Turbine Fuel – Jet Evaporation Method	IP 540/2019
	Vapor Pressure of Petroleum Products	ASTM D5191-20

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