Schedule

Issue date: 10 February 2026
Valid Until: 10 February 2031

NO: SAMM 1243

LABORATORY LOCATION/ CENTRAL OFFICE:	SAYBOLT (M) SDN. BHD. 20, JALAN PELEPAS 4/9, TAMAN PERINDUSTRIAN TANJUNG PELEPAS, GELANG PATAH , 81550, JOHOR MALAYSIA
ACCREDITED SINCE :	10 FEBRUARY 2026
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:	SAYBOLT (M) SDN. BHD. 20, JALAN PELEPAS 4/9, TAMAN PERINDUSTRIAN TANJUNG PELEPAS, GELANG PATAH , 81550, 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
Petroleum & Petroleum Products Fuels	Density, Relative Density or API Gravity of Liquids by Digital Density Meter	ASTM D4052 / ISO 12185 / IP 365
	Density, Relative Density or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method	ASTM D1298 / ISO 3675 / IP 160

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-Ray Fluorescence Spectometry	ASTM D4294 / ISO 8754 / IP 336
	Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)	ASTM D445 / ISO 3104 / IP 71
	Pour Point of Petroleum Products	ASTM D97 / ISO 3016 / IP 15
	Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93 Procedure B / ISO 2719 / IP 34
	Water in Petroleum Products and Bituminous Material by Distillation	ASTM D95 / ISO 3733 / IP 74
	Determination of Total Sediment in Residual Fuels (i) Potential (ii) Existent (iii) Accelerated	(i) ASTM D4870 Procedure A / ISO 10307-2 / IP 390 Procedure A (ii) ASTM D4870 / ISO 10307-1 / IP 375 (iii) ASTM D4870 Procedure B / ISO 10307-2 / IP 390 Procedure B
	Determination of Carbon Residue (Micro Method)	ASTM D4530 / ISO 10307 / IP 398
	Fourier Transform Infrared Spectroscopy (FTIR) analysis to qualitatively determine Polystyrene, Polyethylene, Polypropylene, Polymethacrylate and Poly(methyl methacrylate)	In House Method (IHM-005) based on Maritime and Port Authority of Singapore Port Marine Circular No.3 of 2024
	Ash for Petroleum Products	ASTM D482 / ISO 6245 / IP 4

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Aluminium, Silicon, Vanadium, Nickel, Iron, Sodium, Calcium, Zinc and Phosphorus in residual fuel oil by ashing, fusion and inductively coupled plasma emission spectrometry	IP 501
	Acid Number of Petroleum Product by Potentiometric Titration	ASTM D664
	Hydrogen Sulfide in Fuel Oil by Rapid Liquid Phase Extraction	ASTM D7621 / IP 570 Procedure A
	Cleanliness and Compatibility of Residual Fuel by Spot Test	ASTM D4740
	Chloride in Petroleum Distillates by Microcoulometry	In house method (IHM-006) based on UOP 779
	State of Peptization of Asphaltenes in Heavy Oil Streams	SMS 1600
	Distillation of Petroleum Products at Reduced Pressure	ASTM D1160
	Water and Sediment in Fuel Oil by Centrifuge Method (Laboratory Procedure)	ASTM D1796
	Determination of Chemical Species in Marine Fuel Oil by Multidimensional Gas Chromatography/Mass Spectrometry	ASTM D7845
	Determination of organic halogen content - Oxidative microcoulometric method	EN 14077

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