


NO: SAMM 769(Issue 2, 07 May 2025 replacement
of SAMM 769 dated 16 October 2023)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Lab Master Sdn. Bhd. Lot 102521, Jalan Sungai Pinang 5/3 Kawasan Perindustrian Fasa 2 Mukim Klang 42920 Pulau Indah, Selangor , 42920, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	07 MAY 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:	Lab Master Sdn. Bhd. Lot 102521, Jalan Sungai Pinang 5/3 Kawasan Perindustrian Fasa 2 Mukim Klang 42920 Pulau Indah, Selangor , 42920, 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
Fuel Oil	Cleanliness and Compatibility Test	ASTM D4740-20 (Reapproved 2014) / Spot Test
Glycol Group	Conductivity	In-house Method, WI-FAC-006 based on APHA 2510B-2017/ Conductivity Meter
Liquid Hydrocarbon	Calorific Value	ASTM D240-19 / Bomb Calorimeter
Liquid Petroleum Products	Kinematic Viscosity at 40°C, 50°C and 100°C	ASTM D445-24 / Glass Capillary Viscometer
	Density at 15°C	ASTM D1298-12b / Hydrometer Method
	Ash Content	ASTM D482-19/Furnace

Schedule

Issue date: 07 May 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Sulphur/ Vanadium/ Sodium/ Calcium/ Phosphorus/ Aluminum/ Silica/ Zinc/ Barium/ Cadmium/ Chromium/ Copper/ Plumbum/ Magnesium/ Manganese/ Nikel/ Boron/ Iron/ Silver/ Molybdenum/ Tin and Titanium	ASTM D5185-18 @ ICP-AES/ Inducting Coupled Plasma
	Flash Point	ASTM D93-20/Pensky-Marten Closed Cup Tester (Procedure A)
	Viscosity Index	ASTM D2270-24 / Calculation Formula
	Acid Number	ASTM D664-24/Auto Titration (Method A)
	Pour Point Tester	ASTM D97-17b
Organic Compound	Water Content	ASTM E203-24 / KF Titration
Wastewater	Temperature	APHA 2550B-2017 / Liquid in Glass Thermometer
	pH	APHA 4500H+B-2017 / pH Meter
	Conductivity	APHA 2510B-2017 / Conductivity Meter

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