

Schedule

Issue date: 19 December 2025
Valid Until: -



NO: SAMM 328

(Issue 2, 19 December 2025 replacement of SAMM 328 dated 19 December 2025)

Page: 1 of 4

LABORATORY LOCATION/ CENTRAL OFFICE:	Analytical Technology & Services (ATS), Petronas Penapisan Terengganu Sdn Bhd 24300 Kerteh Kemaman, Terengganu , 24300, TERENGGANU MALAYSIA
	
ACCREDITED SINCE :	19 DECEMBER 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:	Analytical Technology & Services (ATS), Petronas Penapisan Terengganu Sdn Bhd 24300 Kerteh Kemaman, Terengganu , 24300, Terengganu
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
(jet A1)	None	None
Benzene	Analysis of Benzene By Gas	ASTM D4492
Diesel	Distillation of Petroleum	ASTM D86
	Pour Point of Petroleum	ASTM D 5950
	Sulphur	ASTM 2622-10 Wavelength
	Distillation	ASTM D86-20a
	Flash Point	ASTM D93-20
	Density	ASTM D4052-18
	Pour Point	ASTM D97-17b
	Sediment	ASTM D4807 (Reapproved 2010) (By Membrane Filtration)
	Ash Content	ASTM D482-13
Gasoline	Distillation of Petroleum	ASTM D86

Schedule

Issue date: 19 December 2025
Valid Until: -



NO: SAMM 328

(Issue 2, 19 December 2025 replacement of SAMM 328 dated 19 December 2025)

Page: 2 of 4

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Sulphur	ASTM D 2622-10 -" Wavelength
	Appearance	ASTM D4176-21a (Proc.1)
	Determination of Total Sulfur in Light	None
	Determination of Total Sulfur in Light Hydrocarbon, Spark	ASTM D5453
	Ignition Engine Fuel, Diesel	None
	Engine Fuel and Engine oil by Ultraviolet Fluorescence	None
	Determination of MTBE, ETBE, TAME, DIPE, Tertiary-Amyl	ASTM D48 15
	Alcohol and C1 to C4 Alcohols in Gasoline by Gas	None
	Chromatography	None
	Determination of Benzene, Toluene, Ethylbenzene, p,m-Xylene, o-Xylene, Co- and Heavier Aromaticsand Total Aromatics in Finished Gasoline by Gas Chromatography	ASTM D5580
	Research Octane Number f Spark Ignition Engine Fuel	None
	Density, Relative Density and API Gravity of Liquids by Digital Density Meter	ASTM D4052
	Distillation of Petroleum Product and Liquid Fuels at Atmospheric Density,Relative Density or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method	None
	Vapor Pressure of Petroleum Products and Liquid Fuels (Mini Method)	ASTM D5191
	Vapor Pressure of Petroleum Products (Reid Method)	None
	Corrosiveness to Copper from Petroleum Products by Copper Strip Test	ASTM D130
	(Thiol Mercaptan) Sulphur in Gasoline, Kerosine, Aviation Turbine and Distillate Fuels (Potentiometric Method)	None
	Gum Content in Fuels by Jet Evaporation	ASTM D381
	Oxidation Stability of Gasoline (Induction Period Method)	None
	Determination of Total Sulfur in	ASTM D5453

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3005146> for the current scope of accreditation

Schedule

Issue date: 19 December 2025
Valid Until: -



NO: SAMM 328

(Issue 2, 19 December 2025 replacement of SAMM 328 dated 19 December 2025)

Page: 3 of 4

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Light Hydrocarbon, Spark Ignition Engine Fuel, Diesel Engine Fuel and Engine oil by Ultraviolet Fluorescence	None
	Determination of MTBE, ETBE, TAME, DIPE, Tertiary-Amyl Alcohol and C1 to C4 Alcohols in Gasoline by Gas Chromatography	ASTM D48 15 None
	Determination of Benzene, Toluene, Ethylbenzene, p,m-Xylene, o-Xylene, Co- and Heavier Aromatics and Total Aromatics in Finished Gasoline by Gas Chromatography	ASTM D5580 None
	Research Octane Number for Spark Ignition Engine Fuel	ASTM D2699 None
	Density, Relative Density and API Gravity of Liquids by Digital Density Meter	ASTM D4052
	Distillation of Petroleum Product and Liquid Fuels at Atmospheric	ASTM D86 None
	Density, Relative Density or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method	ASTM D1298
	Vapor Pressure of Petroleum Products and Liquid Fuels (Mini Method)	ASTM D5191
	Vapor Pressure of Petroleum Products (Reid Method)	ASTM D323 Procedure A
	Corrosiveness to Copper from Petroleum Products by Copper Strip Test	ASTM D130
	(Thiol Mercaptan) Sulphur in Gasoline, Kerosine, Aviation Turbine and Distillate Fuels (Potentiometric Method)	ASTM D3227 None
	Gum Content in Fuels by Jet Evaporation	ASTM D381
	Oxidation Stability of Gasoline (Induction Period Method)	ASTM D525
Jet A1	Distillation of Petroleum	ASTM D86
	Density @ 15°C	ASTM D4052-18
	Colour Saybolt	ASTM D156-15
	Distillation	ASTM D86-20a
	Electrical Conductivity	ASTM D2624-15
	Freezing Point	ASTM D2386-19
	Flash Point (Abel)	IP170-14

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3005146> for the current scope of accreditation

Schedule

Issue date: 19 December 2025
Valid Until: -



NO: SAMM 328

(Issue 2, 19 December 2025 replacement of SAMM 328 dated 19 December 2025)

Page: 4 of 4

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Corrosion : Copper Strip	ASTM D130-19
	Water Separation (MSEP-A)	ASTM D3948-11
	Existent Gum	ASTM D381-12
Lswr	Flash Point By Pensky -	ASTM D93
Naphta	Distillation of Petroleum	ASTM D86
Paraxylene	Trace Impurities in Monocyclic	ASTM D5917
Petroleum Testing	Freezing Point Testing	ASTM D7153

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3005146> for the current scope of accreditation