



Saybolt Malta Ltd

Scope of Accreditation

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ACCREDITATION INFORMATION - TESTING LABORATORY

Accreditation No.	007
Accreditation Certificate No.	007/38
Accredited according to	EN ISO/IEC 17025:2017
Accreditation Scope No.	S007/38
Date of issue of this Scope	Thursday, 15 February 2024

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TESTING LABORATORY

Laboratory Locations

Location Details	Activity	Location Code
Address Saybolt Malta Limited, Oil Terminal, Malta Freeport, Kalafrana	Tests on Petroleum Products	A

Site activities performed away from the locations listed above

Location Details	Activity	Location Code
Petroleum Storage Facilities	Sampling, gauging and temperature measurement of Petroleum Products	B

NAB-Malta is a signatory for the EA MLA in testing, calibration and inspection

National Accreditation Board - Malta (NAB - MALTA)
Mizzi House, 1st Floor, National Road, Blata l-Bajda HMR9010, Malta
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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In- House Methods /Techniques	Loc. code
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Petroleum Products

Petroleum products	Determination of sulfur content using wavelength-dispersive X-ray fluorescence spectrometry	ASTM D2622-16, EN ISO 20884-1:2019/Damd 1	A
Petroleum products	Determination of density using oscillating U-tube method	ASTM D4052-18a, EN ISO 12185:1996/Cor 1:2001, IP 365/97(2004)	A
Petroleum products	Determination of kinematic viscosity and calculation of kinematic viscosity (capillary viscometer)	ASTM D445-21, EN ISO 3104:2020	A
Petroleum products	Manual sampling	ASTM D4057-19	B
Gasoline	Oxidation stability (Induction period method)	ASTM D525-12a(2019)	A
Gas Oil	Determination of distillation characteristics at atmospheric pressure	ASTM D86-20b, EN ISO 3405:2019, IP 123/11	A

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Petroleum Products	Determination of ash	ASTM D482-19	A
Petroleum Products	Determination of flash point using the Pensky-Martens cup method	ASTM D93-20, EN ISO 2719:2016, IP34/16	A
Petroleum Products	Determination of pour point	ASTM D97-17b, EN ISO 3016:2019, IP15/95	A
Petroleum Products	Determination of nickel, vanadium and sodium in fuels by flame atomic absorption spectrometry	ASTM D5863/B-00a(2016)	A
Petroleum Products	Determination of water using the distillation method	ASTM D95-13(2018), EN ISO 3733:1999, IP74/00	A
Gasoline	Determination of lead in gasoline by atomic absorption spectroscopy (AAS)	ASTM D3237-17, IP 428/06, EN 237:2004	A



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Fuel Oil	Determination of cleanliness and compatibility of residual fuels by spot test	ASTM D4740-20	A
Gas Oil	Determination of cold filter plugging point temperature (CFPP)	IP309-16, EN 116:2015, ASTM D6371-17a	A
Petroleum Products	Corrosiveness to Copper by copper strip test	ASTM D130-19, ISO 2160:1998, IP 154/00	A
Petroleum Products	Determination of carbon residue (micro method)	ASTM D4530-15(2020), ISO 10370:2014, IP 398/15	A
Petroleum Products	Determination of vapour pressure of petroleum products (mini method) at 100°F	ASTM D5191-20, EN 13016-1:2007, IP394/08	A
Petroleum Products	Determination of the benzene content by infrared spectrometry	EN 238:2004, IP429/04	A



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Fuel Oil	Total sediment in residual fuels oils - determination by hot filtration	IP375-11, ISO 10307-1:2009, ASTM D4870-18	A
Fuel Oil	Determination of calculated carbon aromaticity index (CCAI)	ISO 8217:2017 Clause 6.2	A
Gas oil	Assessment of lubricity using the high frequency reciprocating rig (HFRR)	ASTM D6079-18, EN ISO 12156-1:2023, IP 450/00	A
Petroleum Products	Manual Gauging of petroleum and petroleum products	API MPMS Chapter 3.1A (R2019)	B
Petroleum Products	Temperature determination of petroleum	API MPMS Chapter 7, not including sections: 5.1, 5.5, 5.6, 6.3, 7.1, 7.2, 8.1, 8.4, 9.1 (2012)	B
Fuel oil & Gasoil	Determination of hydrogen sulfide	IP 570-14a	A



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END OF SCOPE

This scope of accreditation may be revised from time to time by NAB-MALTA. The most recent version of this scope may be found from the NAB-MALTA website. Nevertheless, as technical issues may hinder the immediate update of the website, and in case of any difficulty, contact the NAB-MALTA on +356 23952510 or by sending an email to 'info@nabmalta.org.mt'.



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