

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 1192 Accredited to ISO/IEC 17025:2017	Inspectorate International Ltd	
	Issue No: 033 Issue date: 01 October 2020	
	Unit 7 Prince William Drive Queens Road Immingham North East Lincolnshire DN40 1QR	Contact: Matthew Hollingsworth Tel: +44 (0)1469 571740 Fax: +44 (0)1469 571591 E-Mail: matthew.hollingsworth@bureauveritas.com Website: www.bureauveritas.com

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Unit 7 Prince William Drive Queens Road Immingham North East Lincolnshire DN40 1QR	Local contact Matthew Hollingsworth Tel: +44 (0)1469 571740 Fax: +44 (0)1469 571591 Email: matthew.hollingsworth@bureauveritas.com	Oil, Gas and Petrochemical Physical and Chemical Analysis	A
Address c/o Calor Gas Ltd Canvey Terminal Thames Road Canvey Island SS8 0HR	Local contact Contact via Immingham Office	Aviation Fuel Physical and Chemical Analysis	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PETROLEUM AND PETROLEUM PRODUCTS	<u>Chemical and Physical Tests</u>	A hash (#) indicates an equivalent standard (eg IP xxx # ISO xxxx) Flexible scope enabling new versions of existing accredited standard test methods to be introduced in accordance with documented in house procedures. Unless otherwise stated all methods tested are latest issue	
	Air saturated vapour pressure	IP 394 ASTM D5191	A
	Al, Si, V, Ni, Fe, Na, Ca, Zn and P in residual fuel oil	IP 501 by ICPES	A
	Aromatics	IP 391 (modified) IP 391	A
	Ash content	IP4 # ISO 6245 ASTM D482	A
	Asphaltenes	IP143 ASTM D6560	A
	Calculated Carbon Aromaticity Index (CCAI)	ISO 8217 Annex F	A
	Cetane Index	IP380 # ISO 4264 ASTM D4737 ASTM D976	A
	Cloud Point	IP219 # ISO 3015 ASTM D 2500	A
	Cold Filter Plugging Point (CFPP) of distillate fuels	IP309 # EN 116	A
	Copper Corrosion - Petroleum	IP154 # ISO 2160 ASTM D130	A
Density and relative density	IP365 # ISO 12185 ASTM D4052	A	



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PETROLEUM AND PETROLEUM PRODUCTS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	A hash (#) indicates an equivalent standard (eg IP xxx # ISO xxxx) Flexible scope enabling new versions of existing accredited standard test methods to be introduced in accordance with documented in house procedures Unless otherwise stated all methods tested are latest issued	
	Distillation - Petroleum products	ASTM D86 IP123 # ISO 3405	A
	Doctor Test	IP30	A
	Flash Point: - Pensky Martin	IP34 # ISO 2719 ASTM D93	A
	Heat of combustion of liquid hydrocarbon fuels	ASTM D240	A
	Hydrocarbon types and oxygenates in petrol	BS EN ISO 22854 ASTM D5443	A
	Hydrogen sulphide in fuel oil	IP 570 by rapid phase extraction	A
	Nitrogen	ASTM D5762 by boat inlet chemiluminescence	A
	Pour point	IP15 # ISO3016 ASTM D97	A



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	Sediments in crude oil	IP53 # ISO 3735 ASTM D473	A
	Specific energy	IP 12	A
	Strong and weak acid number	IP 177 ASTM D664	A
	Sulphur petroleum products UV	IP490	A
	Sulphur Content	IP336 # ISO 8754	A
	Total Sulphur in Light hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel and Engine Oil	ASTM D5453 by UV Fluorescence	A
	Thermal and chemical ageing of residual fuel	IP390 # ISO 10307-2	A
	Total Sediment in residual fuels oils	IP375 # ISO 10307-1 ASTM D4870	A
	Viscosity	IP71 Section 1 # ISO 3104 ASTM D445	A
Water Content - in Liquid Petroleum - of Petroleum Products	IP438 # ISO 12937 IP74 # ISO 3733, ASTM D95	A	



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LIQUID BIOFUELS AND BIODIESEL	Acid Value	EN 14104	A
	Ester content and linolenic acid methyl ester content	EN 14103	A
GAS	<u>Chemical and Physical Tests</u>		
Liquefied petroleum gas	Copper corrosion	BS EN ISO 6251 ASTM D1838 IP411 # ISO 6251	A
Aviation Fuel Jet A-1	Colour	ASTM D156	B
	Total acidity	IP354 ASTM D3242	B
	Aromatics	IP156 # ISO15553 ASTM D1319	B
	Mercaptans	IP342	B
	Doctor test	IP30	B
	Flash point – Abel closed cup	IP170	B
	Smoke point	IP57 IP598 (manual only)	B
	Napthalenes	ASTM D1840	B
	Specific energy	ASTM D3338	B
	Copper corrosion	IP154 # ISO2160 ASTM D130	B



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	JFTOT	IP323	B
	Existent gum	IP540	B
	Water separation	ASTM D3948	B
Aviation Fuel Jet A-1 (cont'd)	Conductivity	IP274	B
Petroleum and Petroleum Products	Density	IP365	B
	Sulphur content	IP336	B
	Distillation	IP123 ASTM D86	B
	Particle count	IP565	B

END