

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>4643</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Malary Ltd</h3> <p>Issue No: 029 Issue date: 03 October 2022</p>	
	<p>Malary House Brookfield Business Centre Cottenham Cambridge CB24 8PS</p>	<p>Contact: Ms Malgorzata Drozdowska Tel: +44 (0)1954 250638 Fax: +44 (0)1954 251969 E-Mail: maggie@malary.co.uk Website: www.malary.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Processed Fuel Oil	<u>Chemical and Physical Tests</u>	
	Chlorine and Bromine	IP 503/04 (2018) BS 2000-503:04 ISO 15597:01 using in-house methods LD29 and LD30 and WDXRF
	Flash point	IP 523/15 BS 2000-523:15 BS EN ISO 3679:15 Rapid equilibrium closed cup
	Determination of mercury	IP 594/11 using in-house procedures LD35 and LD36 and combustion , cold trap, cold vapour AAS
	Determination of Metals: Pb, Ni, Cr, Cu, Zn, As, Cd, Tl, Sb, Co, Mn, V	IP 593/11 using in-house methods LD29 and LD30 and WDXRF
Carbon residue – micro method	IP 398/15 BS 2000-398:14 BS EN ISO 10370:14	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Processed Fuel Oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Polychlorinated Biphenyls: PCB 28 PCB 52 PCB 101 PCB 138 PCB 153 PCB 180 Sulphated ash Sulphur content Strong acid number Total sediment Kinematic viscosity at 40°C Water content	Documented in-house method LD 32 based on IP 462-1/01 BS 2000-462.1:01 BS EN 12766-1:00 Gas Chromatography with Electron Capture Detector (GC/ECD) IP 462-2/02 method B BS 2000-462.2:01 BS EN 12766-2:01 Calculation of total PCB's based on the six congeners listed IP 550/08 IP 336/04 (2014) BS 2000-336:03 ISO 8754:03 by EDXRF ASTM D2622-16 using in-house methods LD29 and LD30 and WDXRF IP 139/98(2017) BS 2000-139:98 ISO 6618:96 IP 375/11 (2018) BS 2000-375:11 ISO 10307-1:09 In-House method LD 39 using a falling ball viscometer IP 71 S1/20 BS 2000-71:20 sect 1 BS EN ISO 3104:20 IP 74/2000(14) BS 2000-74:00 ISO 3733:99



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Diesel Fuel Oil	<u>Chemical Tests</u> Sulphur content	ASTM D2622-16 using in-house procedures LD29 and LD30 and WDXRF
Processed Fuel Oil	<u>Sampling</u> Manual Sampling	Documented in-house method LD 18 based on IP 475/05 BS 2000-475:04 BS EN ISO 3170:04
END		