

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



8752

Accredited to
ISO/IEC 17025:2017

Advanced Materials Technology UK (a division of Perkins Engines Company Limited)

Issue No: 010 Issue date: 19 May 2021

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS	<p><u>Chemistry Tests</u></p> <p>Elemental Analysis of Steel and Aluminium Alloys</p> <p>Carbon and Sulphur Analysis in Iron and Steel samples.</p> <p><u>Corrosion Tests</u></p> <p>Salt spray</p> <p><u>Mechanical Tests</u></p> <p>Tensile Testing at Ambient Temperature</p> <p>Hardness:</p> <p>Brinell (HBW 1/10, 1/30, 2.5/62.5) (HBW 2.5/187.5, 10/3000)</p> <p>Vickers (HV0.3 to HV30)</p> <p>Rockwell (HRA, HRB, HRC) (HR30N, HR30T)</p>	<p>Documented In-House Method SWI 01101</p> <p>Documented In-House Method SWI 01102</p> <p>ASTM B117-19 SAE J2334-201604</p> <p>BS EN ISO 6892-1:2019 Method A</p> <p>BS EN ISO 6506-1:2014</p> <p>BS EN ISO 6507-1:2018</p> <p>BS EN ISO 6508-1:2016</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS (Cont'd)	<u>Metallurgical tests</u> Graphite Morphology Average Grain Size (by comparison method) Case Depth Decarburisation Plating Thickness	 BS EN ISO 945-1:2018 ASTM A247-19 ASTM E112-13 BS EN ISO 643:2012 BS EN ISO 2639:2002 BS EN ISO 3887:2018 ISO 1463:2003
END		