


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>4016</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>ITS Testing Services (UK) Limited (Derby Laboratory)</p> <p>Issue No: 035 Issue date: 19 June 2026</p>	
	<p>c/o Rolls-Royce Mail Code: ELT-14 Elton Road PO Box 31 Derby DE24 8BJ</p>	<p>Contact: Dr N Cook Tel: +44 (0)1332 247966 E-Mail: Neil.Cook@Intertek.com Website: www.intertek.com</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Elton Road PO Box 31 Derby DE24 8BJ</p> <p>Local contact Dr N Cook</p>	Engineering materials and products	A
<p>Address Gate 1A Sinfin A-Site Victory Road Derby DE24 8BJ</p> <p>Local contact Dr N Cook</p>	Fuels, Oils and Lubricants	B
<p>Address c/o Rolls Royce Materials Laboratory DA New Facility (Building 185) Filton Bristol BS34 7QE</p> <p>Local contact Dr N Cook</p>	Engineering Materials and Products	C
<p>Address c/o Rolls Royce Skipton Road Barnoldswick BB18 5RU</p> <p>Local contact Dr N Cook</p>	Engineering Materials and Products Environmental Samples	D
<p>Address ITP Aero UK Harrier Business Park Dorey Way Hucknall Nottingham NG15 6EU</p> <p>Local contact Dr N Cook</p>	Environmental Samples	E



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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
	<u>Chemical and Physical Tests</u>		
FUELS AND LUBRICANTS	Density and Specific Gravity	DER-LAB-TP-001 based on IP367 and ASTM D4052	B
PROCESS WATER AND TRADE EFFLUENT	Conductivity	DER-LAB-TP-025 based on BS EN27888 and ISO 7888	B
	pH	DER-LAB-TP-026 based on ASTM E70	B
PROCESS WATER (clean water and demineralised water)	Acid (H ⁺) Base (OH ⁻) Concentration	BAR-LAB-TP-03 Acid/Base titration	D
PROCESS WATER (clean water and demineralised water)	Elements, specifically: B, Na, Mg, Al, K, Ca, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Ag, Sb, Ba, Pb, Cd, Mo, P, Sn	DER-LAB-TP-117 to EN ISO 11885 by ICP-OES	B
PROCESS WATER (clean water and demineralised water)	Sulphate, chloride, fluoride anions	DER-LAB-TP-012 based on ASTM D4327 and ASTM D5542	B
TRADE EFFLUENT	Chemical Oxygen Demand	DER_LAB-TP-045 using closed digestion and colourimetry	B
TRADE EFFLUENT	Suspended Solids	DER-LAB-TP-041 using gravimetry	B
PROCESS WATER (Process tank solutions)	Elements, specifically: Al, Cr, Fe, Ni, Ti, V	DER-LAB-TP-117-APP-003 by ICP-OES	B
PROCESS WATER (clean water driven from diluted cleaning solutions)	Nitrate	HUC-LAB-TP-004 using spectrophotometry	E
PROCESS WATER (Process tank - acid/alkali-based cleaning solutions)	Acid (H ⁺) Base (OH ⁻) Concentration	HUC-LAB-TP-002 (APPS 01, 26, 04, 08, 25, 27, 37, 40, 43, 44, 50, 54, 63) using an auto-titrator	E
PROCESS WATER (clean water driven from diluted cleaning solutions)	Fluoride	HUC-LAB-TP-003 and ion selective electrode	E



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METALS, ALLOYS AND METAL PRODUCTS	<u>Mechanical and Metallurgical Tests</u>		
	Vickers Hardness Test (30 kg)	BS EN ISO 6507-1:2023	D
	Vickers Hardness Test (10 kg and 30 kg)	BS EN ISO 6507-1:2023	A, C
	Vickers Low Load Hardness Test (0.2 kg, 0.5 kg & 1.0 kg)	BS EN ISO 6507-1:2023	A, C
Polycrystalline Metallic Materials	Vickers Hardness Test (5 kg)	BS EN ISO 6507-1:2023	C
	Residual Stress	DER-LAB-TP-131 based on BS EN 15305 and ASTM E2860, and National Physical Laboratory Measurement Good Practice Guide No 52 by X-Ray Diffraction	A



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METALS, ALLOYS AND METAL PRODUCTS	<u>Chemical and Physical Tests</u>		
Titanium and titanium alloys	Hydrogen	DER-LAB-TP-124 by Inert Gas Fusion based on ASTM E1447	B
Stainless steel and aluminium, plated painted coated test panels or components	Corrosion Testing: Neutral Salt Spray	BS EN ISO 9227:2022 ASTM B117-18	B
Aeronautical and automotive components	Assessment of cleanliness: Residue Quantity Particle Size	DER-LAB-TP-078 based on RRP59016	B
Iron, steel, nickel alloys and titanium alloys	Oxygen, Nitrogen	DER-LAB-TP-030 based on ASTM E1019 and ASTM E1409	B
Nickel based alloys from Rolls Royce Casting facility	Elements, specifically: Al, Co, Cr, Fe, Hf, Mo, Nb, Ni, Re, Ta, Ti, W and Zr	DER-LAB-TP-037 based on ASTM E2465	B
Steel and nickel alloys	Carbon, Sulphur	DER-LAB-TP-029 based on ASTM E1019	B

END