

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>Accredited to ISO/IEC 17025:2005</b>	<b>Aerotech Laboratories Ltd</b>	
	<b>Issue No: 021    Issue date: 25 April 2017</b>	
	<b>Unit 20 Mercia Business Village Torwood Close Westwood Business Park Coventry CV4 8HX</b>	<b>Contact: Mr M Ricketts Tel: +44 (0)24 7647 4474 Fax: +44 (0)24 7647 4473 E-Mail: support@aerotechlabs.co.uk Website: www.aerotechlabs.co.uk</b>

**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
<b>Address</b> Unit 20 Mercia Business Village Torwood Close Westwood Business Park Coventry CV4 8HX	<b>Local contact</b> Mr M Ricketts  Tel: +44 (0)24 7647 4474 Fax: +44 (0)24 7647 4473 Email: support@aerotechlabs.co.uk Website: www.aerotechlabs.co.uk	Chemical Analysis	A
<b>Address</b> Unit 11 Portway Close Off Torrington Avenue Tile Hill Coventry CV4 9UY	<b>Local contact</b> Mr M Ricketts  Tel: +44 (0)24 7647 4474 Fax: +44 (0)24 7647 4473 Email: support@aerotechlabs.co.uk Website: www.aerotechlabs.co.uk	Salt Spray Testing	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
Ferrous & non-ferrous metals Protective coatings	Salt spray 4 off cabinets Largest working size: 1465 mm (W) x 1040 mm (D) x 720 mm (H)	Documented in-house method TP101 based on ASTM B117-16 ISO 9227:2012	B
Sodium chloride for use in salt spray testing		Documented in-house methods (TA216 Series)	
	Copper, nickel, iodide	Stripping Voltammetry (TA216-5)	A
	Fluoride, bromide, iodide	Ion chromatography	A
	Copper, bromide, sodium chloride, anti-caking agent	Volumetric and colorimetric analysis	A
Fuorescent penetrant consumables for NDT		Documented in-house methods (TA142 Series) based on	
	Fluorescent brightness Removability (Washability) Water content Sensitivity	ASTM E1417/E1417M-13, Section 7.8 and referencing ASTM E1135-12 ASTM D95-13	A
Plating solutions, anodising solutions including sulphuric & tartaric acids, etching solutions, cleaners, pre-treatment solutions and other aqueous solutions		Documented in-house methods (TA Series)	
	Metallic elements	Atomic absorption, spectrophotometry, volumetric, gravimetric and colorimetric analysis	A
	Inorganic compounds and radicals	Volumetric, gravimetric and colorimetric analysis, ion-chromatography and auto-titration	A
	Acid, alkali and other chemical concentrations	Volumetric and gravimetric, ion-chromatography and auto-titration	A
	Chloride, fluoride, sulphate and other anion content	Volumetric and gravimetric' ion-chromatography and auto-titration	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Process waters, wastewaters and effluents		Documented in-house methods (TA171 Series)	A
	Fluoride, chloride sulphate	Ion chromatography	A
	Chloride	Titrimetry	A
	Aluminium, cadmium, copper, chromium, iron, lead, nickel, silver, tin, zinc	Flame atomic absorption spectrophotometry.	A
	Chemical oxygen demand	Spectrophotometry	A
	Free cyanide	Spectrophotometry	A
	Silica	Spectrophotometry	A
	Suspended solids	Gravimetry	A
	Conductivity and total dissolved solids	Conductivity meter	A
	pH	pH meter	A
Oil samples	Water content	Documented in-house method (TA188-1) using Karl Fischer determination technique	A

END