


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0757 Accredited to ISO/IEC 17025:2017	Babcock Marine [Rosyth] Ltd trading as Babcock Scientific Services Issue No: 034 Issue date: 12 December 2019	
	Building 1016 Watt Road Rosyth Business Park Rosyth Dunfermline Fife KY11 2BB	Contact: Ms Suzanne Rae Tel: +44 (0)1383 424100 E-Mail: Suzanne.Rae@babcockinternational.com Website: www.babcockinternational.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 Babcock Marine [Rosyth] Ltd trading as Babcock Scientific Services Building 1016 Watt Road Rosyth Business Park Rosyth Dunfermline Fife KY11 2BB Local contact Ms Suzanne Rae Tel: +44 (0)1383 424100 Fax: +44 (0)1383 422699 Email: Suzanne.Rae@babcockinternational.com Website: www.babcockinternational.com	Health and Hygiene	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Premises including domestic, commercial and industrial	Health and Hygiene	B
Mobile Laboratories	Health and Hygiene	C



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Issue No:034 Issue date: 12 December 2019

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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
ASBESTOS FIBRES IN AIR	<u>Health and Hygiene</u>	Health and Safety Executive Asbestos: The analysts' guide for sampling, analysis and clearance procedures (HSG 248)	
	Sampling of air for fibre counting	HSG 248:February 2005 (Documented In-House Procedure)	B, C
	Fibre counting	HSG 248:February 2005 Membrane Filter Method using Phase Contrast Microscopy (PCM)	A, B, C
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	4 Stage Clearance Process	HSG 248:February 2005 (Documented In-House Procedure)	B, C
	Sampling of bulk materials for asbestos identification	HSG 248:February 2005 (Documented In-House Procedure)	B
WATERS Trade effluent (to controlled water) and process water, Groundwater	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	HSG 248:February 2005 (Documented In-House Procedure using stereo-microscopy, polarised light microscopy and dispersion staining)	A
	<u>Radiation Tests</u> Quantitative analysis of gamma-emitting radionuclides: 55- 2000 keV	Documented In-House Method using Computerised Gamma-Ray Spectrometry RCI Manual, Vol I, Method 6.24	A



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Radioactive waste samples. Process waters, trade effluent and dissolution liquors from lagging, concretes, cement, swabs and filters, metals, oils, soft material (cloth, etc), sludge and plastics samples	Analysis of gamma-emitting radionuclides: 55- 2000 keV Up to 2,000 Bq / Sample	Solid samples prepared by dissolution (RCI Manual, Vol I, Method 6.37). Measured using Computerised Gamma Ray Spectrometry (RCI Manual, Vol I, Method 6.24).	A
	Gross alpha activity (relative to Am-241) up to 50 Bq / kg. Gross Beta activity (relative to Ni-63) up to 6,500 Bq/kg.	Samples prepared by dissolution (RCI Manual, Vol I, Method 6.37). and measured using liquid scintillation dissolution (RCI Manual, Vol I, Method 6.38).	A
	¹⁴ C and ³ H activity Up to 2,500 Bq / Sample	Catalytic pyrolysis followed by liquid scintillation. (RCI Manual Vol 1 Method 6.35)	A
BREATHING AIRS Compressed gases, Air for breathing apparatus, Compressed breathing air for aircraft, diving and marine life support	Infra-red absorbing components contents	Documented In-House Method CM1 using FT-IR, based on DEFSTAN 68-284v3, BS EN 12021: 2014	A
	Water content	Documented In-House Method CM1 using Dew Point Hygrometer, based on DEFSTAN 68-284v3, BS EN 12021:2014	A
	Oxygen content	Documented In-House Method CM1 using Oxygen Analyser (Electrochemical Sensor), based on DEFSTAN 68-284v3, BS EN 12021:2014	A
END			