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: 037 **Issue date:** 27 January 2023

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 Head Office Asbestos – All Support Functions	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Client Premises	Health and Hygiene	B
Mobile Testing Laboratories	Health and Hygiene	C

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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>Health and Hygiene</u>	Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021	
ASBESTOS FIBRES IN AIR	Sampling of air for fibre counting	Documented In-House Method 14B based on HSG 248	B, C
	Fibre counting	Documented In-House Method 14B based on HSG 248	A, B, C
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	Sampling of bulk materials for subsequent identification of asbestos	Documented In-House Method 14A based on HSG 248	B
	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	Documented In-House Method 14A using stereo-microscopy, polarised light optical microscopy and dispersion staining based on HSG 248	A
WATERS	<u>Radiation Tests</u>		
Trade effluent (to controlled water) and process water, Groundwater	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. Metals	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
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	^{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 68-284 part 3:2020, BS EN 12021: 2014	A
	Water content	Documented In-House Method CM1 using Dew Point Hygrometer, based on DEFSTAN 68-284 part 3:2020, BS EN 12021:2014	A
	Oxygen content	Documented In-House Method CM1 using Oxygen Analyser (Electrochemical Sensor), based on DEFSTAN 68-284 part 3:2020, BS EN 12021:2014	A
END			