


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>IOM Consulting</h3> <p>Issue No: 039 Issue date: 13 January 2012</p>	
	<p>Research Avenue North Riccarton Edinburgh EH14 4AP</p>	<p>Contact: Dr A Searl Tel: +44 (0)131 449 8000 Fax: +44 (0)131 449 8084 E-Mail: IOM@iom-world.org Website: www.iom-world.org</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 Research Avenue North Riccarton Edinburgh EH14 4AP</p> <p>Local contact Dr A Searl Tel: +44 (0)131 449 8000 Fax: +44 (0)131 449 8084 Email: iom@iom-world.org Website: www.iom-world.org</p>	<p>Health and Hygiene Environmental Sampling/Testing Personal Protective Equipment</p>	A
<p>Address Research House Business Centre Office W7 Fraser Road Perivale Middlesex UB6 7AQ</p> <p>Local contact Ms J Tierney Tel: +44 (0)20-8537 3491/2 Fax: +44 (0)20-8537 3493 Email: jane.tierney@iom-world.org Website: www.iom-world.org</p>	<p>Health and Hygiene</p>	C
<p>Address Suite 50-54 Brookside Business Park Cold Meece Stone Staffordshire ST15 0RZ</p> <p>Local contact Mr D Collins Tel: +44 (0)1785 764 810 Fax: +44 (0)1785 764 811 Email: david.collins@iom-world.org Website: www.iom-world.org</p>	<p>Health and Hygiene</p>	E
<p>Address Tapton Park Innovation Centre Brimington Road Tapton Chesterfield S41 0TZ</p> <p>Local contact Mr P Eadson Tel: +44 (0)1246 557866 Fax: +44 (0)1246 551212 Email: paul.eadson@iom-world.org Website: www.iom-world.org</p>	<p>Health and Hygiene</p>	G



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Address IOM Laboratory Administrative Block Longannet Power Station Kincardine on Forth Clackmannanshire FK10 4 AA	Local contact Dr A Searl Tel: +44 (0)131 449 8000 Fax: +44 (0)131 449 8084 Email: iom@iom-world.org Website: www.iom-world.org	Health and Hygiene	I
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Site activities performed away from the locations listed above:

Location details	Activity	Location code
Premises including domestic, commercial and industrial Edinburgh	Health and Hygiene Environmental Sampling	B
Premises including domestic, commercial and industrial London	Health and Hygiene	D
Premises including domestic, commercial and industrial Stone	Health and Hygiene	F
Premises including domestic, commercial and industrial Chesterfield	Health and Hygiene	H



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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
AIRBORNE MICROBIOLOGICAL ORGANISMS in hospital operating theatre suites and hospital sterile service clean rooms Air-sampled agar plates and surface-sampled contact plates	<u>Microbiology</u> <u>Sampling</u> Sampling of air for subsequent determination of colony forming units	Documented In-house method (IM13) based on Hospital Infection Society - 2001; Working Party Report - Microbiological Commissioning and Monitoring of Operating Theatre Suites	F
	<u>Microbiology</u> Enumeration of TSA and SDA agar and contact plates for the purpose of reporting a total microbial count following a combined incubation at 37°C for 24h and 22°C for 24h	Documented In-house method SOP 2 based on Hospital Infection Society - 2001; Working Party Report - Microbiological Commissioning and Monitoring of Operating Theatre Suites	E
ASBESTOS FIBRES IN AIR	<u>Health and Hygiene Tests</u>	Health and Safety Executive Asbestos: The analysts' guide for sampling, analysis and clearance procedures (HSG 248) and Methods for the Determination of Hazardous Substances in the series MDHS	
	Sampling of air for fibre counting	HSG 248:February 2005 (Documented In-House Procedure)	B, D, F, H, I
	Fibre counting	HSG 248:February 2005 Membrane Filter Method using Phase Contrast Microscopy	A, B, C, D, E, F, G, H, I
	4 Stage Clearance Process	HSG 248:February 2005 (Documented In-House Procedure)	B, D, F, H, I



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ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	<u>Health and Hygiene Tests</u> (cont'd)		
	Sampling of bulk materials for asbestos identification	HSG 248:February 2005 (Documented In-House Procedure)	B, D, F, H, I
ASBESTOS IN SOILS (fibre screening and identification)	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	HSG 248:February 2005 by Documented In-House Method (IM4) using stereo-microscopy, polarised light optical microscopy and dispersion staining	A
	Asbestos Fibre Screening and Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	Documented In-House Method (IM14) using stereo-microscopy, polarised light optical microscopy and dispersion staining	A
ASBESTOS IN SOILS/ AGGREGATES (fibre screening, identification and quantification)	Asbestos Fibre Screening/ Identification & Quantification of asbestos content (Amosite, Chrysotile, Crocidolite, Fibrous Actinolite, Fibrous Anthophyllite, Fibrous Tremolite)	Documented In-House Method (IM14) using stereo-microscopy, polarised light optical microscopy and dispersion staining	A
FIBRES IN AIR	Sampling of airborne dust for evaluation of fibre concentration via electron microscopy	Documented In-House Methods based on MDHS 59:1988 and HSG 248:2005	B
	Identification of Refractory Ceramic Fibres via electron microscopy	Documented In-House Methods based on ISO14966:2002 using SEM and EDXS	A
MAN MADE MINERAL FIBRES including CERAMICS	Fibre counting	MDHS 59:1988	A, B
	Sampling	Documented In-House methods based on MDHS 59:1988	B



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ASBESTOS and OTHER FIBRES derived from ASBESTOS PRODUCTS, FIBRES and DUSTS, AIR, WIPE SAMPLES	<u>Health and Hygiene Tests</u> (cont'd)		
	Counting and identification of asbestos fibres in air and bulk materials	Documented In-House Method based on HSG 248:2005, ISO 14966:2002 and AIA RTM2 using SEM and EDXS	A
DUSTS AND PARTICULATES	<u>Sampling and Analysis</u>		
	Respirable and total dust	Documented In-House Gravimetric Method based on MDHS 14/3:2000	A
Airborne dust samples	Respirable quartz	Documented In-House Method based on MDHS 101:2005 using FT-IR spectroscopy	A
	Respirable quartz and cristobalite	Documented In-House Method based on modified HSE Methods MDHS 14/3:2000 and MDHS 101:2005 using X-ray diffraction spectroscopy	A
Bulk dust samples	Quartz and cristobalite	Documented In-House Method based on Chung (1974), Journal of Applied Crystallography 7.519-513 using X-ray diffraction spectroscopy	A
Insulation boards - respirable dust	Respirable quartz	Documented In-House Method based on modified HSE methods MDHS 14/3:2000 and MDHS 101:2005 using X-ray diffraction spectroscopy	A
	Sampling of airborne dust and fume evaluation of lead	Documented In-House Methods based on MDHS 14/3:2000	B
GASES AND VAPOURS	Sampling of airborne dust and fumes for evaluation of metals	Documented In-House Methods based on MDHS 14/3:2000 and BS EN ISO 10882-1:2001	B
	Sampling of airborne gases and vapours using diffusive badges for subsequent laboratory analysis	Documented In-House Methods based on MDHS 70:1994	B



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GASES AND VAPOURS (cont'd)	<u>Sampling</u> Sampling of airborne gases and vapours using sorbent tubes for subsequent laboratory analysis for volatile organic compounds	Documented In-House Methods based on MDHS 70:1994	B
DUST AND PARTICULATES Dust, fume and bulk sample Filters (AA2 (25mm), GL2 (25mm) GL3 (37mm) and GF2 (25mm))	<u>Chemical Tests</u> Metal oxides of: As, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Sb, Sn, V, Zn	Documented In-House Method (ICP-SOP1) using ICP/AES	A
POLLUTANTS AND EFFLUENTS (ATMOSPHERIC) Airborne dust samples, bulk samples, wipe samples, aqueous extracts	Determination of Ag, Al, As, Au, Ba, Be, Bi, Ca, Cd, Co, Cr, Cs, Cu, Fe, Hf, In, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Pt, Sb, Se, Sn, Te, Ti, Tl, V, W, Y, Zn, Zr	Documented In-House Method (IM07) using inductively coupled plasma - atomic emission spectrometry (ICP-AES), based on NIOSH Method 7300 (ICP-SOP2) and OSHA Method ID-121 (ICP-SOP3)	A
POLLUTANTS AND EFFLUENTS (ATMOSPHERIC): FUMES, MISTS, GASES AND VAPOURS Charcoal sorbent tubes	<u>Chemical Tests</u> Benzene, toluene, xylene, ethyl benzene trichloroethene, 111 trichloroethane, tetrachloroethene	Documented In-House Method (GC-SOP3) using gas chromatography with flame ionisation detection (GC-FID), based on MDHS 96:2000	A
Sorbent tubes and impinger solutions	Determination of inorganic acids	Documented In-House Method (HPLC-SOP3) using ion chromatography/conductivity detection (IC) based on NIOSH Method 7903:1994	A
Diffusive sampling badges	Benzene, toluene, xylene, ethyl benzene trichloroethene, 111 trichloroethane tetrachloroethene	Documented In-House Method (GC-SOP4) using GC-FID based on HSE MDHS 88:1997	A



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POLLUTANTS AND EFFLUENTS (ATMOSPHERIC): FUMES, MISTS, GASES AND VAPOURS	<u>Chemical Tests</u>		
Diffusive sampling badges	Determination of formaldehyde	Documented In-House Method (HPLC SOP 1) using HPLC/UV based on MDHS 102: 2010	A
Air filters (solder fume)	Determination of total resin acids in rosin (colophony) solder flux fume	Documented In-House Method (GC-SOP2) using GC-FID, based on MDHS 83-2:2006	A
Air filters	Determination of glutaraldehyde	Documented In-House Method (HPLC SOP 1) using HPLC/UV, based on MDHS 102: 2010	A
Air filters, impinger solutions	Determination of organic isocyanates	Documented In-House Method (HPLC-SOP2) using high performance liquid chromatography with UV and EC detection, based on MDHS 25/3:1999	A
Solid sorbent tubes	Determination of formaldehyde	Documented In-House Method (GC-SOP1) using GC-FID based on NIOSH Method 2541:1994	A
PERSONAL PROTECTIVE EQUIPMENT	<u>Physical Properties</u>	Testing for the purposes of conformance with Directive 89/686/EC in respect of the following specifications:	A
Air fed protective clothing with gas tight connections	Total Inward Leakage Visual Inspection	BS EN 1073-2:2002	A
Protective clothing for use against solid particulate chemicals	Total Inward Leakage Visual Inspection	BS EN ISO 13982-2:2004	A
Protective clothing for use against chemicals	Resistance to liquid spray penetration (spray test)	ISO 17491-4:2008	A



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PERSONAL PROTECTIVE EQUIPMENT Protective clothing for use against chemicals	<u>Physical Properties</u> Determination of resistance to penetration by a jet of liquid (jet test)	Testing for the purposes of conformance with Directive 89/686/EC in respect of the following specifications: BS EN ISO 17491-3	A
END			