

# 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>	<b>Environmental Evaluation Ltd</b>  <b>Issue No: 028    Issue date: 13 April 2012</b>	
	<b>Lawton Square</b> <b>Delph</b> <b>Oldham</b> <b>OL3 5DT</b>	<b>Contact: Mr D Loydon</b> <b>Tel: +44 (0)1457 873266</b> <b>Fax: +44 (0)1457 870966</b> <b>E-Mail: headoffice@environmentalevaluation.co.uk</b> <b>Website: www.environmentalevaluation.co.uk</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<p><b>Address</b> Lawton Square Delph Oldham OL3 5DT</p> <p><b>Local contact</b> Mr R Heeley Tel: +44 (0)1457 873266 Fax: +44 (0)1457 870966 Email: headoffice@environmentalevaluation.co.uk</p> <p><b>Local contact</b> Mr T Ledwith Tel: +44 (0)1457 873266 Fax: +44 (0)1457 870966 Email: headoffice@environmentalevaluation.co.uk</p>	<p><b>Support Functions:</b> Quality System Quality Audit Administration</p> <p><b>Sampling and Testing:</b> Health and Hygiene Stack emissions Testing</p>	De
<p><b>Address</b> 10 Greenwood Court Ramridge Road Luton Bedfordshire LU2 0TN</p> <p><b>Local contact</b> Mr R Heeley Tel: +44 (0)1582 729222 Fax: +44 (0)1582 729444 Email: southern@eehse.co.uk</p> <p><b>Local contact</b> Mr T Ledwith Tel: +44 (0)1582 729222 Fax: +44 (0)1582 729444 Email: southern@eehse.co.uk</p>	<p><b>Sampling and Testing:</b> Health and Hygiene Stack emissions Testing</p>	Lu
<p><b>Address</b> Environmental Evaluation Ltd F245 Calder Hall Sellafield Seascale Cumbria CA20 1PG</p> <p><b>Local contact</b> Mr D Loydon Tel: +44 (0)19467 29443 Fax: +44 (0)19467 29443 Email: headoffice@environmentalevaluation.co.uk</p>	<p><b>Sampling and Testing:</b> Health and Hygiene</p>	Se



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<p><b>Address</b> Environmental Evaluation Ltd c/o Mr J Watts British Nuclear Fuels plc Magnox Generation Chapelcross Annan Dumfriesshire DG12 6RF</p>	<p><b>Local contact</b> Mr Allan Graham Tel: +44 (0)1461 208 465 Fax: +44 (0)1461 708807 Email: Scotland@eehse.co.uk</p>	<p><b>Sampling and Testing:</b> Health and Hygiene</p>	Cx
<p><b>Address</b> Environmental Evaluation Ltd Wylfa Power Station Cemaes Bay LL67 0DH</p>	<p><b>Local contact</b> Mr Gerallt Jones Tel: +44 (0)1407 733733 ext 2088 Fax: +44 (0)1457 870966 Email: gjones@environmentalevaluation.co.uk Email: Gerallt.g.jones@magnoxnorthsites.com</p>	<p><b>Sampling and Testing:</b> Health and Hygiene</p>	Wf
<p><b>Address</b> Environmental Evaluation Ltd Sizewell Power Station Nr Leiston Leiston IP16 4UE</p>	<p><b>Local contact</b> Mr Andrew Woodyard Tel: +44 (0)1728 633711 Fax: +44 (0)1457 870966 Email: awoodyard@environmentalevaluation.co.uk</p>	<p><b>Sampling and Testing:</b> Health and Hygiene</p>	Sw
<p><b>Address</b> Environmental Evaluation Ltd Bradwell Power Station Bradwell On Sea Southminster CM0 7HP</p>	<p><b>Local contact</b> Mr Malcolm Ward Tel: +44 (0)1621 776143 Fax: +44 (0)1457 870966 Email: mward@environmentalevaluation.co.uk</p>	<p><b>Sampling and Testing:</b> Health and Hygiene</p>	Bw
<p><b>Address</b> Environmental Evaluation Ltd Oldbury Power Station Oldbury Naite Thornbury BS35 1RQ</p>	<p><b>Local contact</b> Mr Andrew McNeill Tel: +44 (0)1454 893539 Fax: +44 (0)1457 870966 Email: amcneill@environmentalevaluation.co.uk Email: Andrew.mcneill@magnoxnsites.com</p>	<p><b>Sampling and Testing:</b> Health and Hygiene</p>	Ob

**Site activities performed away from the locations listed above:**

Location details	Activity	Location code
Premises including domestic, commercial and industrial	Health and Hygiene	Site
Customer Sites requiring Stack Emissions Testing	Stack Emissions Testing	Stack



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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)	
	Fibre counting	HSG 248:February 2005 Membrane Filter Method using Phase Contrast Microscopy (PCM) by Documented In-House Method in Asbestos Manual	De Lu Se Cx Wf Sw Bw Ob Site
	Sampling of air for fibre counting	HSG 248:February 2005 (Documented In-House Procedure)	De Lu Se Cx Wf Sw Bw Ob Site
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	4 Stage Clearance Process	HSG 248:February 2005 (Documented In-House Procedure) Membrane Filter Method using Phase Contrast Microscopy (PCM)	Site
	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	HSG 248:February 2005 by Documented In-House Procedure using stereo-microscopy, polarised light microscopy and dispersion staining	De Lu Se Cx Wf Sw Bw Ob
	Sampling of bulk materials for asbestos identification	HSG 248:February 2005 Documented In-House Method in Asbestos Manual	Site



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere	<u>Sampling with subsequent analysis by an ISO/IEC 17025 Accredited Laboratory</u>	National, International and other recognised standards using documented In-House work instructions to meet the requirements of DD CEN/TS 15675:2007/ BS EN 15259:2007	
	Mercaptans (tube method) (dry stacks only)	Based on BS EN 13649:2002 (EE/P/014)	Stack
	<u>Sampling and On-Line Analysis</u>		
	Sulphur dioxide	ISO 7935:1992 (BS 6069-4.4:1993) (EE/P/0024)	Stack
Testing of Stack Emissions to Atmosphere	<u>Sampling with subsequent analysis by an ISO/IEC 17025 Accredited Laboratory</u>	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the requirements of the Environment Agency (MCERTS) Performance Standard and DD CEN/TS 15675:2007/ BS EN 15259:2007	
	Total Particulate Matter (0 to 50 mg/m <sup>3</sup> )	BS EN 13284-1:2002 (EE/P/001 and EE/P/001a - using the CAE Sampler and Stackmite Sampling Train)	Stack
	Total Particulate Matter (20 to 1000 mg/m <sup>3</sup> )	BS ISO 9096:2003 (EE/P/002 and EE/P/002a - using the CAE Sampler and Stackmite Sampling Train)	Stack
	Metals	BS EN 14385:2004 (EE/P/006)	Stack
	Mercury	BS EN 13211:2001 (EE/P/021)	Stack
	Hydrogen Chloride	BS EN 1911:2010 (EE/P/016)	Stack



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere (cont'd)	<u>Sampling with subsequent analysis by an ISO/IEC 17025 Accredited Laboratory</u> (cont'd)	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the requirements of the Environment Agency (MCERTS) Performance Standard and DD CEN/TS 15675:2007/ BS EN 15259:2007 (cont'd)	
	Hydrogen Fluoride	BS ISO 15713:2006 (EE/P/016)	Stack
	Sulphur dioxide	BS EN 14791:2005 (EE/P/008)	Stack
	Ammonia	BS EN 14791:2005 (EE/P/023)	Stack
	<u>Halides and Halogens</u> Hydrogen Bromide Chlorine Bromine	US EPA Methods 26 and 26a (EE/P/019)	Stack
	Dioxins and Furans	BS EN 1948-1:2006 (EE/P/018)	Stack
	Dioxin-like Polychlorinated Biphenyls (PCBs)	BS EN 1948-4:2010 (EE/P/018)	Stack
	Polycyclic Aromatic Hydrocarbons (PAHs)	BS ISO 11338-1:2003 (EE/P/026)	Stack
	Isocyanates	US EPA CTM 036 (EE/P/020)	Stack
	Speciated VOCs (carbon and other suitable tubes) (Direct Sampling of dry stacks only): Amines and Amides Phenols Cresols Carboxylic Acids Aldehydes	BS EN 13649:2002 (EE/P/014)	Stack



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Testing of Stack Emissions to Atmosphere (cont'd)	<u>Sampling and On-Site Analysis</u>	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the requirements of the Environment Agency (MCERTS) Performance Standard and DD CEN/TS 15675:2007/ BS EN 15259:2007 (cont'd)	
	Water vapour	BS EN 14790:2005 (EE/P/013)	Stack
	<u>Sampling and On-Line Analysis</u>		
	Pressure, Temperature and Velocity	In-house procedure (Site Method 002)	Stack
	Carbon monoxide*	BS EN 15058:2006 (EE/P/011 - NDIR analyser)	Stack
	Carbon dioxide*	ISO 12039:2001 (EE/P/010 - NDIR analyser)	Stack
	Oxygen*	BS EN 14789:2005 (EE/P/012 - Validated Zirconium cell analyser)	Stack
	Nitrogen Monoxide (NO)*	BS EN 14792:2005 (EE/P/009 - Chemiluminescence analyser)	Stack
	Oxides of Nitrogen (NOx)*	BS EN 14792:2005 (EE/P/009 - Chemiluminescence analyser)	Stack
Total Gaseous Organic Carbon* (TOC / VOC) (0 to 20 mg/m <sup>3</sup> )	BS EN 12619:1999 (EE/P/015 - FID analyser)	Stack	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Testing of Stack Emissions to Atmosphere (cont'd)	<u>Sampling and On-Site Analysis</u> (cont'd)  Total Gaseous Organic Carbon* (TOC / VOC) (20 to 500 mg/m <sup>3</sup> )	National, European, International and Environment Agency specified standards including MID's and Documented In-House work instructions to meet the requirements of the Environment Agency (MCERTS) Performance Standard and DD CEN/TS 15675:2007/ BS EN 15259:2007 (cont'd)  BS EN 13526:2002 (EE/P/007 - FID analyser)	Stack
END			

\* - The scale range of the analyser used for this test must be that detailed on its current MCERTS certificate or a range validated by the organisation to meet MCERTS requirements.