


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>Hall Analytical Laboratories Limited</h3> <p>Issue No: 010 Issue date: 26 June 2008</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>DUST and PARTICULATES</p> <p>Stationary source emission samples Ambient air samples Particulate samples</p> <p>SOILS and SEDIMENTS WATERS, WASTE WATERS</p>	<p><u>Chemical Tests</u></p> <p>Determination of polychlorinated dibenzo-p-dioxin (PCDD) and polychlorinated dibenzofuran (PCDF) compounds, for determination of International Toxicity Equivalent (ITEQ) including Sample preparation, extraction, clean-up and concentration</p>	<p>Documented In-House Methods</p> <p>Documented In-House Methods (in brackets) using high resolution gas chromatography/high resolution mass spectrometry:</p> <p>BS EN 1948:Parts 2 and 3:1997 (SOP 8/037 and SOP 8/081)</p> <p>US EPA Method 23 (SOP 8/037 and SOP 8/081)</p>
<p>SOILS and SEDIMENTS WATERS, WASTE WATERS</p>	<p>Preparation and spiking of XAD sampling media</p>	<p>US EPA Method 1613 (SOP 8/037 and SOP 8/083)</p> <p>In-House Methods SOP 8/063, SOP 8/065, SOP 8/066</p>
<p>Stationary Source Emission Samples</p>	<p><u>Poly Chlorinated Biphenyls (PCB's)</u> PCB-77 PCB-81 PCB-105 PCB-114 PCB-118 PCB-123 PCB-126 PCB-156 PCB-157 PCB-167 PCB-169 PCB-189</p>	<p>In-House Methods SOP 8/081, SOP 8/084 and SOP 8/044 based on BS EN 1948-4</p>



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SOILS and SEDIMENTS WATERS, WASTE WATERS Stationary Source Emission Samples (cont'd)	<u>Polycyclic Aromatic Hydrocarbons (PAH)</u> Naphthalene 1 Methyl Naphthalene 2 Methyl Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(a)pyrene Benzo(e)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene Dibenzo(a,h)anthracene Benzo(g,h,i)perylene Dibenzofuran Benzo(a)fluorene Benzo(b)fluorene Perylene Dibenzo(a,e)pyrene	In-House Methods SOP 8/085 and SOP 8/112
END		