# Schedule of Accreditation

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# United Kingdom Accreditation Service

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

**2395**

**Accredited to ISO/IEC 17025:2005**

## Aspen Environmental

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**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**<br>25A Church Street<br>Uttoxeter<br>Staffordshire<br>ST14 8AG<br><br>**Local contact**<br>Dr G Buck<br><br>Tel: +44 (0)1889 568124<br>Fax: +44 (0)5602 059321<br>Email: geoff_buck@aspenenvironmental.co.uk<br>Website: www.aspenenvironmental.co.uk | **Support Functions:**<br>Quality System<br>Quality Audit Administration<br><br>**Sampling and Testing:**<br>Stack emissions testing<br>Occupational hygiene<br>Engine emissions testing | A |

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

| Location details | Activity | Location code |
|---|---|---|
| Customer Sites requiring stack emissions | Stack emissions testing | B |
| Industrial premises and other work places | Occupational hygiene | C |
| Landfill sites | Engine Emissions Testing | D |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| ATMOSPHERIC POLLUTANTS | Sampling with subsequent analysis by an ISO 17025 accredited laboratory | National, International and other recognised standards using documented in-house methods | |
| Workplace and ambient atmospheric pollutants - sorbent tubes | Hydrogen chloride<br>Hydrogen fluoride | NIOSH 7903<br>(Method A6) | C |
| Testing of Landfill Gas engine emissions to atmosphere | Sampling with subsequent analysis by an ISO 17025 accredited laboratory | | |
| | Non-Methane VOC's | BS EN 13649<br>(Modified water trap method using environment Agency Guidance LFTGN08)<br>(Method A10) | D |
| Testing of Stack emissions to Atmosphere | Sampling with subsequent analysis by an ISO/IEC 17025 accredited laboratory | | |
| | Individual Organic Compounds (Tubes other than activated Carbon):<br>• Ammonia<br>• Hydrogen Cyanide<br>• Formaldehyde | BS EN 13649:2002<br>(Method A6) | B |
| Testing of Stack emissions to Atmosphere | Sampling with subsequent analysis by an ISO/IEC 17025 accredited laboratory | 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 | |
| | Total Particulate Matter<br>(0 - 50 mg/m³ | BS EN 13284-1:2002<br>(Method A5) | B |
| | Total Particulate Matter<br>(20 - 1000 mg/m³ | BS ISO 9096:2003<br>(Method A5) | B |

| 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) | Sampling with subsequent analysis by an ISO/IEC 17025 accredited laboratory (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 (cont'd) | |
| | Individual Organic Compounds (Tubes other than activated Carbon)<br>• Aliphatic amines<br>• Aromatic amines | BS EN 13649:2002 (Method A6) | B |
| | Speciated VOC's Activated carbon and solvent desorption method (dry stacks only) | BS EN 13649:2002 (Method A3) | B |
| | Sulphur dioxide (Non isokinetic sampling) | BS EN 14791:2005 (Method A9) | B |
| | Hydrogen Chloride (Non isokinetic sampling) | BS EN 1911-1:1998 (Method A9) | B |
| | Hydrogen Sulphide (Non isokinetic sampling) | US EPA Method 11 (Method A9) | B |
| | Sampling and On-Line Analysis | | |
| | Pressure, Temperature and Velocity | BS EN 13284-1:2002 BS ISO 9096:2003 (Method A1) | B |
| | Water Vapour | BS EN 14790:2005 (Method A8) | B |
| | Oxides of Nitrogen* | BS EN 14792:2005 (Method A4.2 - Chemiluminescence analyser) | B |
| | Carbon Monoxide* | BS EN 15058:2006 (Method A4.2 - NDIR analyser) | B |

| 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) | Sampling and On-Line Analysis (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 (cont'd) | |
| | Oxygen* | BS EN 14789:2005 (Method A4.2 - Validated Zirconium cell analyser) | B |
| | Carbon dioxide* | ISO 12039:2001 (Method A4.2 - NDIR analyser) | B |
| | Total Gaseous organic carbon* (TOC/VOC) (20 – 500 mg/m$^3$) | BS EN 13526:2002 (Method A2 - FID analyser) | B |
| | Total Gaseous organic carbon* (TOC/VOC) (0 – 20 mg/m$^3$) | BS EN 12619:1999 (Method A2 - FID analyser) | B |
| 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.