

# Scientific Services information sheet

## Analysis - Stack Emissions

NWSS has a comprehensive UKAS schedule of accreditation, with analysis satisfying the requirements of the Environment Agency's Technical Guidance Note M2 for stack emission testing. MCERTS accreditation for monitoring can only be claimed if the analysis is UKAS accredited to ISO 17025. Our UKAS accredited analysis supports stack testing companies in claiming MCERTS accreditation.

We have a wide range of experience in stack emissions analysis, having provided analytical support to teams since 1993. NWSS have worked for a wide range of clients including industry and regulators, such as the Environment Agency and SEPA. Dialogue between stack testing teams and our laboratory is welcomed and encouraged to address issues such as limits of detection, sampling times, blank values, etc. This ensures that the monitoring is fit for purpose and complies with regulatory standards.

We can provide all solutions, filters, sorbent tubes, dioxin traps, etc. required for the sampling to ensure full traceability and quality assurance of the monitoring analysis. This includes pre-conditioned filters for particulate analysis as required by MID 13284-1 (where expected concentrations are below 10mg/m<sup>3</sup>).

We have recently gained UKAS accreditation for the latest suite of PAHs required under Pollution Inventory Reporting (PIR). Our comprehensive metals analysis conforms to BS EN 14385, not just for the 11 standard metals but for a total of 31, all validated and accredited to ISO 17025 by UKAS. Boron analysis is covered by USEPA method 29 as this cannot be done under BS EN 14385 due to the addition of boric acid during the analytical process.

NWSS are members of the Source Testing Association (STA) and actively participate in laboratory user groups.

**For further information and expert assistance please call us on 0870 320 4567 or email [enquiry-nwss@nwl.co.uk](mailto:enquiry-nwss@nwl.co.uk)**

- 31 Metals to BS EN 14385
- Boron to USEPA method 29
- Hg to BS EN 13211
- HF (fluoride) to BS ISO 15713
- Ammonia to procedural requirements of BS EN 14791
- Dioxins and furans to BS EN 1948
- SO<sub>2</sub> (as sulphate) to BS EN 14791
- PAHs (including full WD suite) to ISO 11338
- HCl (chloride) to BS EN 1911
- Particulates (low dust method) to BS EN 13284-1
- Speciated volatile organics and other organic compounds to BS EN 13649



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