

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

4279 Accredited to ISO/IEC 17025:2017	Element Materials Technology Environmental UK Limited	
	Issue No: 066 Issue date: 04 November 2020	
	Unit C6 Emery Court The Embankment Business Park Heaton Mersey Stockport SK4 3GL	Contact: Mr Phil Waters Tel: +44 (0)161 432 3286 (+44 (0)7811 106 816) Fax: +44 (0)161 432 3689 E-Mail: phil.waters@element.com Website: www.element.com
Testing performed by the Organisation at the locations specified below		

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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
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 BS EN 15259:2007	

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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	<u>Sampling and On-Line Analysis</u>	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the	

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Testing of Stack Emissions	<u>Sampling and On-Line Analysis</u> Nitrogen Dioxide (NO ₂)	National, European, International and Irish Environmental Protection Agency specified standards and Documented In-House work instructions to meet the requirements of Irish Environmental Protection Agency Publications AG1 and AG2 and IS EN 15259:2007 IS EN 14792:2017 including Environment Agency (England) MID 14792 (CAT-TP-32 - Chemiluminescent analyser) Environment Agency (England) TGN M2222	



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Testing of Stack Emissions	<u>Sampling and On-Line Analysis</u>	National, European, International and Irish Environmental Protection Agency specified standards and Documented In-House work instructions to meet the requirements of Irish Environmental Protection Agency Publications AG1 and AG2 and IS EN 15259:2007	All
	Oxygen	IS EN 14789:2017 (CAT-TP-21 - Validated Zirconium cell analyser) (CAT-TP-22 - Validated Zirconium cell analyser) (CAT-TP-25 - Paramagnetic analyser) (CAT-TP-33 - Paramagnetic analyser) (CAT-TP-39 - Paramagnetic analyser)	
	Total Gaseous Organic Carbon (TOC / VOC) (0 to 1000 mg/m ³)	IS EN 12619:2013 (CAT-TP-20 - FID Analyser)	
	Halides and Halogens Speciated VOCs Other inorganic gases	Environment Agency (England) TGN M22 (CAT-TP-22b - FTIR analyser)	All
	<p>The organisation holds a flexible scope of accreditation for these tests. Please contact the organisation for details of the individual gaseous compounds they can sample and analyse using this method.</p>		

- The scale range of the analyser used for this test must meet the specific requirements specified in the Irish Environmental Protection Agency AG2 Index of Preferred Methods



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Materials/Products tested

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	<u>Sampling of Landfill Gas for Subsequent Analysis by an ISO/IEC 17025 Accredited Laboratory</u>	Documented In-House Procedures Based on Environment Agency guidance document LFTGN04	



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ATMOSPHERIC POLLUTANTS AND EFFLUENTS - STACK GAS SAMPLES Filters Probe rinses (nitric acid) Impinger Solutions (nitric acid/hydrogen peroxide)	<u>Chemical Testing</u> Metals, specifically: Antimony Arsenic Beryllium Cadmium Caesium Chromium Cobalt Copper Gallium Iron Lead Manganese Nickel Selenium Strontium Thallium Tin Vanadium Zinc	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 for laboratories carrying out testing of samples from stack emissions monitoring BS EN 14385:2004 (In House Methods CAT-AP-08 and CAT-AP-09) by Microwave digestion followed by CVAFS	OS

Filters
 Probe rinses (nitric acid)
 Impinger Solutions (sulphuric acid/potassium)

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