Schedule of Accreditation

issued by

United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

	Element Materials Technology Environmental UK Limited	
	Issue No: 066	Issue date: 04 November 2020
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4215	Heaton Mersey	E-Mail: phil.waters@element.com
Accredited to	Stockport	Website: www.element.com
ISO/IEC 17025:2017	SK4 3GL	
Tes	ting performed by the Organisatior	at the locations specified below

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Element Materials Technology Environmental UK Limited



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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	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 and BS EN 15259:2007	

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4279 Accredited to ISO/IEC 17025:2017		hnology Environmental UK Lim Issue date: 04 November 2020	ited
	Testing performed by the Organisation a	t the locations specified	
Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code

Į	Testing of Stack Emissions	Sampling and On-Line Analysis	National, European, International and Environment Agency specified standards including MIDs and Documented In-House work instructions to meet the

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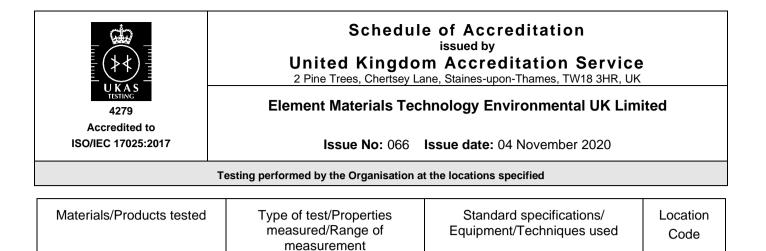
Element Materials Technology Environmental UK Limited

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TGN M2222

Testing performed by the Organisation at the locations specified

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</u> <u>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	
1	Nitrogen Dioxide (NO ₂)	IS EN 14792:2017 including Environment Agency (England) MID 14792 (CAT-TP-32 - Chemiluminescent analyser) Environment Agency (England)	





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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</u> <u>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	
	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)	All
	Total Gaseous Organic Carbon (TOC / VOC) (0 to 1000 mg/m³)	IS EN 12619:2013 (CAT-TP-20 - FID Analyser)	All
	Halides and Halogens Speciated VOCs Other inorganic gases	Environment Agency (England) TGN M22 (CAT-TP-22b - FTIR analyser)	All
	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.		
- The scale range of the ana Environmental Protection Ager		the specific requirements specified in erred Methods	the Irish



Materials/Products tested

Type of

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



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

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

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