


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>2187</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Gradko International Ltd (Trading as Gradko Environmental)</p> <p>Issue No: 027 Issue date: 23 December 2024</p>	
	<p>St Martins House 77 Wales Street Winchester Hampshire SO23 0RH</p>	<p>Contact: Mr A Poole Tel: +44 (0)1962 860331 Fax: +44 (0)1962 841339 E-Mail: diffusion@gradko.co.uk Website: www.gradko.co.uk</p>
<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>ATMOSPHERIC POLLUTANTS Collected on diffusion (sorbent) tubes and monitors</p>	<p><u>Chemical Tests</u></p> <p>Ammonia as ammonium (NH₄⁺)</p> <p>Benzene Toluene Ethyl benzene Xylene</p> <p>Hydrogen chloride as chloride (Cl⁻) Nitrogen dioxide as nitrite (NO₂⁻) Sulphur dioxide as sulphate (SO₄²⁻) Hydrogen fluoride as fluoride (F⁻)</p> <p>Hydrogen sulphide</p> <p>Ozone as nitrate (NO₃⁻)</p> <p>Nitrogen Dioxide as nitrite (NO₂⁻)</p> <p>Sulphur dioxide as sulphate (SO₄²⁻)</p> <p>Formaldehyde as formaldehyde-DNPH</p> <p>Volatile Organic Compounds including: Benzene Toluene Ethylbenzene p-Xylene o-Xylene</p>	<p>Documented In-House Methods</p> <p>GLM 8 by Ion Chromatography</p> <p>GLM 4 by Thermal Desorption/ FID Gas Chromatography</p> <p>GLM 3 by Ion Chromatography</p> <p>GLM 5 by Colorimetric determination (UV Spectrophotometry)</p> <p>GLM 2 by Ion Chromatography</p> <p>GLM 7 by Colorimetric determination (UV Spectrophotometry)</p> <p>GLM 1 by Ion Chromatography</p> <p>GLM 18 by HPLC</p> <p>GLM 13 by Thermal Desorption GC-Mass Spectrometry</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ATMOSPHERIC POLLUTANTS Collected on diffusion (sorbent) tubes and monitors (cont'd)	<p><u>Chemical Tests (cont'd)</u></p> <p>Qualitative Analysis and Estimation of Volatile Organic Compounds on diffusion (sorbent) tubes and monitors</p> <p>Naphthalene Tetrachloroethylene Trichloroethylene Styrene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Chlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene</p> <p>1,3-Butadiene</p> <p>Carbon Disulphide</p> <p>Flexible scope for quantitative analysis of Volatile Organic Compounds on diffusion (sorbent) tubes and monitors in accordance with methods developed and validated by in-house procedure LWI 47</p>	<p>GLM 13 by Thermal Desorption GC-Mass Spectrometry with estimations in accordance with ISO standard 16000-6</p> <p>GLM 13-1 by Thermal Desorption GC-Mass Spectrometry</p> <p>GLM 13-6 by Thermal Desorption GC-Mass Spectrometry</p> <p>GLM 13-7 by Thermal Desorption GC-Mass Spectrometry</p> <p>LWI 47 by Thermal Desorption GC-Mass Spectrometry</p>
END		