

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



2187

Accredited to  
ISO/IEC 17025:2017

### Gradko International Ltd (Trading as Gradko Environmental)

Issue No: 026 Issue date: 10 November 2023

St Martins House  
77 Wales Street  
Winchester  
Hampshire  
SO23 0RH

Contact: Mr A Poole  
Tel: +44 (0)1962 860331  
Fax: +44 (0)1962 841339  
E-Mail: [diffusion@gradko.co.uk](mailto:diffusion@gradko.co.uk)  
Website: [www.gradko.co.uk](http://www.gradko.co.uk)

Testing performed at the above address only

#### DETAIL OF ACCREDITATION

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	<u>Chemical Tests</u>	Documented In-House Methods
	Ammonia as ammonium (NH <sub>4</sub> <sup>+</sup> )	GLM 8 by Ion Chromatography
	Benzene Toluene Ethyl benzene Xylene	GLM 4 by Thermal Desorption/ FID Gas Chromatography
	Hydrogen chloride as chloride (Cl <sup>-</sup> ) Nitrogen dioxide as nitrite (NO <sub>2</sub> <sup>-</sup> ) Sulphur dioxide as sulphate (SO <sub>4</sub> <sup>2-</sup> ) Hydrogen fluoride as fluoride (F <sup>-</sup> )	GLM 3 by Ion Chromatography
	Hydrogen sulphide	GLM 5 by Colorimetric determination (UV Spectrophotometry)
	Ozone as nitrate (NO <sub>3</sub> <sup>-</sup> )	GLM 2 by Ion Chromatography
	Nitrogen Dioxide as nitrite (NO <sub>2</sub> <sup>-</sup> )	GLM 7 by Colorimetric determination (UV Spectrophotometry)
	Sulphur dioxide as sulphate (SO <sub>4</sub> <sup>2-</sup> )	GLM 1 by Ion Chromatography
	Formaldehyde as formaldehyde-DNPH	GLM 18 by HPLC
	Volatile Organic Compounds including: Benzene Toluene Ethylbenzene p-Xylene o-Xylene	GLM 13 by Thermal Desorption GC-Mass Spectrometry



2187

Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Gradko International Ltd**  
**(Trading as Gradko Environmental)**

Issue No: 026 Issue date: 10 November 2023

Testing performed at main address only

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 (cont'd)</p>	<p><u>Chemical Tests</u> (cont'd)</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>trans-1,2-Dichloroethene cis-1,2-Dichloroethene</p> <p>1,3-Butadiene</p> <p>Carbon Disulphide</p> <p><b>Flexible scope</b> 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 13-3 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		