Annex G2

Calibration Certificates for Landfill Gas Monitoring Equipment



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# CERTIFICATE OF ANALYSIS

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### WORK ORDER: HK2233088

SUB BATCH:0LABORATORY:HONG KONGDATE RECEIVED:22-Aug-2022DATE OF ISSUE:05-Sep-2022

## SPECIFIC COMMENTS

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client. The performance of the equipment stated in this report is checked with independent reference material and results are compared against a calibrated secondary source.

The "Instrument Specification" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principles as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

Equipment Type:	Landfill Gas Analyser
Service Nature:	Performance Check
Scope:	Carbon dioxide, Methane and Oxygen
Brand Name/ Model No.:	GA5000
Serial No./Equipment No.:	G507306 (HK1935)
Date of Calibration:	02 September, 2022

### **GENERAL COMMENTS**

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen Manager - Organics

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## REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: Sub-Batch: Client: Date of Issue:	HK2233088 0 ALS TECHNICHEM (HK) PTY LTD 05-Sep-2022
Equipment Type: Brand Name/ Model No.:	Landfill Gas Analyser GA5000
Serial No./ Equipment No.:	G507306 (HK1935)
Date of Calibration:	02 September, 2022



Next Calibration Date: 02 October, 2022

#### Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.3
1.0	1.0	0.0	± 0.3
10.0	10.0	0.0	± 0.5

### Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.3
1.0	1.0	0.0	± 0.3
10.0	10.0	0.0	± 0.5

### Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
23.5	24.0	0.5	± 1.0

Ms Chan Ka Yu, Karen Manager - Organics