

Annex G2

# Calibration Certificates for Landfill Gas Monitoring Equipment



## CERTIFICATE OF ANALYSIS

CONTACT: MR IVAN LEUNG  
CLIENT: ALS TECHNICHEM (HK) PTY LTD  
ADDRESS: 11/F., CHUNG SHUN KNITTING CENTRE,  
1-3 WING YIP STREET, KWAI CHUNG, N.T.

WORK ORDER: HK2237701  
SUB BATCH: 0  
LABORATORY: HONG KONG  
DATE RECEIVED: 23-Sep-2022  
DATE OF ISSUE: 30-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: 29 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This report superseded any previous report(s) with same work order number.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: HK2237701  
 Sub-Batch: 0  
 Client: ALS TECHNICHEM (HK) PTY LTD  
 Date of Issue: 30-Sep-2022

Equipment Type: Landfill Gas Analyser  
 Brand Name/  
 Model No.: GA5000  
 Serial No./  
 Equipment No.: G507306 (HK1935)

Date of Calibration: 29 September, 2022 Date of next Calibration: 29 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	23.9	0.4	± 1.0

Ms Chan Ka Yu, Karen  
 Manager - Organics