



ANNEX G2

CALIBRATION CERTIFICATES FOR
LANDFILL GAS MONITORING
EQUIPMENT



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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: HK2536526

SUB BATCH: 0

LABORATORY: HONG KONG

DATE RECEIVED: 19-Aug-2025

DATE OF ISSUE: 29-Aug-2025

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.: G508090 (HK2096)

Date of Calibration: 25 August, 2025

GENERAL COMMENTS

This report supersedes 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: HK2536526
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 29-Aug-2025



Equipment Type: Landfill Gas Analyser
Brand Name/
Model No.: GA5000
Serial No./
Equipment No.: G508090 (HK2096)
Date of Calibration: 25 August, 2025

Next Calibration Date: 25 September, 2025

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	0.9	-0.1	± 0.5
10.0	10.0	0.0	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.1	0.0	± 0.5
1.0	1.2	0.2	± 0.5
10.1	10.6	0.5	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
23.3	23.5	0.2	± 1.0

A handwritten signature in blue ink, appearing to read 'Losen'.

Ms Chan Ka Yu, Karen
Manager - Organics