

Annex G2

Calibration Certificates for Landfill Gas Monitoring Equipment



CERTIFICATE OF ANALYSIS

CONTACT: MR IVAN LEUNG
CLIENT: ALS TECHNICHEM (HK) PTY LTD
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1-3 WING YIP STREET, KWAI CHUNG, N.T.

WORK ORDER: HK2224153
SUB BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 23-Jun-2022
DATE OF ISSUE: 05-Jul-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: 05 July, 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This report superseded any previous report(s) with same work order number.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: HK2224153
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 05-Jul-2022

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

Date of Calibration: 05 July, 2022

Date of next Calibration: 05 August, 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 |

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