CERTIFICATION OF CALIBRATION

PJLA Calibration
No. 66916

Date Of Calibration: 15-Apr-2024

Certificate Number: G507573_9/35216

Issued by: QED Environmental Systems Inc.

Customer: **ENITIAL PROJECTS LTD**
ENTERPRISE DRIVE FOUR ASHES WOLVERHAMPTON, STAFFORDSH WV10 7DE
GB

Description:

Model: GA5000

Serial Number: G507573

Accredited Results:

Methane (CH4)

Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.1	5.1	0.42
15.0	15.0	0.66
60.0	59.8	1.03

Carbon Dioxide (CO2)

Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	5.0	0.43
15.0	15.1	0.71
40.0	40.1	1.19

Oxygen (O2)

Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
20.9	21.0	0.25

Gas cylinders are traceable and details can be provided if requested.

CH4, CO2 readings recorded at: 31.8 °C/89.3 °F

O2 readings recorded at: 22.3 °C/72.2 °F

Barometric Pressure: 0981 mbar/28.97 "Hg

Method of Test : The analyzer is calibrated in a temperature controlled chamber using a series of reference gases, in compliance with procedure ISP17.

Instrument has passed calibration as the measurement result is within the specification limit. The specification limit takes into account the measurement uncertainty.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

www.qedenv.com (800) 624-2026 info@qedenv.com

QED Environmental Systems Inc. 2355 Bishop Circle West, Dexter, MI 48130

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Non Accredited results:

Pressure Transducers (inches of water column)					
Transducer	**Certified (Low)**	**Reading (Low)**	**Certified (High)**	**Reading (High)**	**Accuracy**
Relative	0"	0"	40"	40.58"	2.0"

Barometer (mbar)	
Reference	**Instrument Reading**
0981 mbar / 28.97 "Hg	0981 mbar / 28.98 "Hg

As received gas check readings are only recorded if the instrument is received in a working condition.
Where the instrument is received damaged no reading can be taken.

[redacted]

Date of Issue : 18 Apr 2024

Approved By Signatory

Linda Ostrowski

Laboratory Inspection

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