CERTIFICATE of CALIBRATION

Issued By: AML Instruments Limited

Issue Date: 17 December 2020 **Certificate Number: AL441825760**

AML Instruments Limited
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Approved Signatory:
Alex Leeson

Customer: Demo Certifcate

Location: AML Lab
Job Card Number: -

Calibration Date: 17 December 2020 **Frequency:** 12 **Months**
Re Calibration: Dec 2021

Description: Pressure - Vacuum Gauge
Manufacturer: AML
Serial Number: 315820-2 **Customer Ref:**

Temperature °C 20.2 **Calibrated By:** A.Leeson

Status of Calibration: **Pass**

Comments:

None

Traceability Information:

Serial Number:	Instrument:	Certificate Number:
800a	Digital Pressure Indicator	7000155
1480a	Humidity & Temperature Meter	6003334

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Description: Pressure - Vacuum Gauge

Method Of Test:

The Instrument was subject to a calibration of its span up to the maximum pressure by comparison with laboratory standards that are traceable to National Standards in accordance with the requirements of BS EN 837-1 and the AML calibration procedure.

Gauge Type:	Vacuum

Range:	0	to	-30.00	inHg

Initial Readings

Applied Pressure / Vacuum	**Rising**	**Falling**	**Error Rising**	**Error Falling**
inHg	**inHg**	**inHg**	**inHg**	**inHg**
0.000	0.00	0.00	0.00	0.00
-5.000	-5.00	-5.00	0.00	0.00
-10.000	-10.00	-10.00	0.00	0.00
-15.000	-15.00	-15.00	0.00	0.00
-20.000	-20.00	-20.00	0.00	0.00
-25.000	-25.00	-25.00	0.00	0.00
			0.00	0.00

Final Reading After Adjustment (if applicable)

Applied Pressure / Vacuum	**Rising**	**Falling**	**Error Rising**	**Error Falling**
inHg	**inHg**	**inHg**	**inHg**	**inHg**
0.000	0.00	0.00	0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00

Maximum Permissible Error ± 1.6 % of Maximum Gauge Reading = -0.4800

*** End Of Report ***

Measurement Uncertainty: ± 0.1%

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95%.