

## CERTIFICATE OF CALIBRATION

<b>CUSTOMER:</b>	TRACE ANALYTICS, AUSTIN, TX	<b>CALIBRATION DATE:</b>	01/15/18
<b>PO NUMBER:</b>	YA081	<b>CALIBRATION DUE:</b>	01/15/19
<b>INST. MANUFACTURER:</b>	DWYER	<b>PROCEDURE:</b>	NAVAIR-17-20MG-02
<b>INST. DESCRIPTION:</b>	FLOW METER (STAINLESS STEEL FLOAT)	<b>CALIBRATION FLUID:</b>	AIR @ 14.7 PSI 70F
<b>MODEL NUMBER:</b>	164908-00 (RMB SERIES)	<b>ARRIVAL CONDITIONS:</b>	WITHIN MFG. SPEC.
<b>SERIAL NUMBER:</b>	32844	<b>RETURNED CONDITIONS:</b>	WITHIN MFG. SPEC.
<b>RATED UNCERTAINTY:</b>	+/- 3% F.S.	<b>AMBIENT CONDITIONS:</b>	767 mmHGA 45% RH 69F
<b>UNCERTAINTY GIVEN:</b>	TOTAL measurement uncertainty +/- 0.172% RD. K=2	<b>CERTIFICATE FILE #:</b>	487063.18
<b>NOTES:</b>	AS RECEIVED/AS LEFT WITHIN SPEC REFERENCE CONDITIONS ARE: 760 mm HGA 70F		

TEST POINT NUMBER	INDICATED UUT	ACTUAL DM.STD.	ACTUAL F.S.
	SLPM	SLPM	% ERROR
1	25	25.890	0.387
2	40	41.086	0.472
3	80	80.635	0.276
4	120	120.734	0.319
5	160	161.473	0.640
6	200	201.563	0.680
7	230	232.146	0.933

STANDARDS USED		
A4 (AMERICAN METER 10 cu.ft. BELL PROVER)1453296155, +/- 0.02 BY VOLUME CMC +/- 0.172% R.D.	DUE	06/28/18

All instruments used in the performance of the shown calibration have traceability to the National Institute of Standards and Technology (NIST). The uncertainty ratio between the calibration standards (DM.STD.) used and the unit under test (UUT) is a minimum of 4:1, unless otherwise noted. Calibration has been performed per the shown procedure number, in accordance with ISO 10012:2003, ISO 17025:2005, ANSI/NCSL-Z-540.3, and/or MIL-STD-45662A. Test methods: API2530-92 & ASME MFC-3M-1989.

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This Calibration Certificate shall not be reproduced except in full, without approval by DICK MUNNS COMPANY. The data shown applies only to the instrument being calibrated and under the stated conditions of calibration.

Date:

Approved By:

Calibration Technician:

1/15/2018


