

## CERTIFICATE OF CALIBRATION

<b>CUSTOMER:</b>	TRACE ANALYTICS AUSTIN, TX	<b>CALIBRATION DATE:</b>	11/28/17
<b>PO NUMBER:</b>	17K072	<b>CALIBRATION DUE:</b>	11/28/18
<b>INST. MANUFACTURER:</b>	DWYER	<b>PROCEDURE:</b>	NAVAIR 17-20MG-02
<b>INST. DESCRIPTION:</b>	FLOWMETER (STAINLESS STEEL FLOAT)	<b>CALIBRATION FLUID:</b>	AIR @ 14.7 PSI 70F
<b>MODEL NUMBER:</b>	164908-00 (RMB SERIES)	<b>STANDARD(S) USED:</b>	A4 DUE 06-18
<b>SERIAL NUMBER:</b>	32695 (ID# 23018-3102)	<b>NIST TRACE #'S:</b>	1390386562,1390378403,1331545884
<b>RATED UNCERTAINTY:</b>	+/- 3% F.S.	<b>AMBIENT CONDITIONS:</b>	763mmHGA 40% RH 73F
<b>UNCERTAINTY GIVEN:</b>	+/- 0.172% RD K=2	<b>CERTIFICATE FILE #:</b>	485864.17
<b>NOTES:</b>	AS RECEIVED/AS LEFT WITHIN SPEC REFERENCE CONDITIONS ARE 760mmHGA 70F		

TEST POINT NUMBER	UUT INDICATED SLPM	DM.STD. ACTUAL SLPM	% F.S. ERROR
1	25	24.746	-0.110
2	40	39.602	-0.173
3	80	79.828	-0.075
4	120	120.357	0.155
5	160	160.519	0.226
6	200	200.738	0.321
7	230	231.048	0.456

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, copied, 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:

11/28/2017


