

CERTIFICATE OF CALIBRATION

CUSTOMER:	TRACE ANALYTICS LLC AUSTIN, TX	CALIBRATION DATE:	08/09/17
PO NUMBER:	17H082	CALIBRATION DUE:	08/09/18
INST. MANUFACTURER:	TRACE ANALYTICS	PROCEDURE:	NAVAIR 17-20MG-02
INST. DESCRIPTION:	FLOWMETER	CALIBRATION FLUID:	AIR @ 14.7 PSI 70 F
MODEL NUMBER:	14 - 140 SLPM	STANDARD(S) USED:	A4 DUE 05-18
SERIAL NUMBER:	TRACE FM05	NIST TRACE #' S:	1390386562,1390378403,1331545884
RATED UNCERTAINTY:	+/- 3% F.S.	AMBIENT CONDITIONS:	761mmHGA 53% RH 74F
UNCERTAINTY GIVEN:	+/- 0.172% RD K=2	CERTIFICATE FILE #:	485448.17
NOTES:	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	14	12.325	-1.196
2	20	18.524	-1.054
3	40	38.996	-0.717
4	80	79.087	-0.652
5	120	118.984	-0.726
6	140	138.902	-0.784

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.

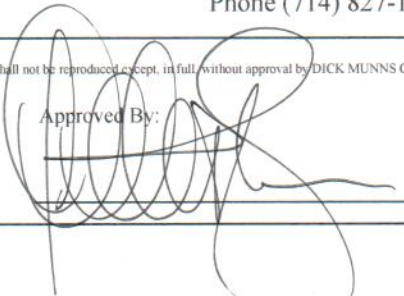
Dick Munns Company • 11133 Winners Circle • Los Alamitos, CA 90720
Phone (714) 827-1215 • Fax (714) 827-0823

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:

8/9/2017

Approved By:



Calibration Technician:

