

Traceable Certificate

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Calibration Report Mass Flow Controller

For:
Henry Troemner LLC 201 Wolf Drive P.O. Box 87 Thorofare, NJ 08086-0087
Cert No. 332585 D

The device listed on this calibration report has been tested using the DH Instruments Flow Calibration System. The method for calibration is described in Troemner work instruction TMF-CAL and the reference standards are traceable to National Institute of Standards and Technology (NIST).

Date Received: August 24, 2005
Calibration Date: August 29, 2005
Issue Date: August 29, 2005

Calibration Gas: N2
Process Gas: Air
K Factor: 1

As Left Data

Device Under Test Information

Manufacturer: Matheson
Model Number: E1-1A001-E440
Serial Number: 11073
Flow Scale: 0.000 to 2.000slm @ 70.00F
Tolerance: 2% DUTFS
Pressure: Inlet: 10psig Outlet: 0psig

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Reference Information

Manufacturer: DH Instruments
Model Number: Molbox1
Serial Number: 554
ID Number: Cert#35051
Flow Range: 10.000 slm
Molbloc S/N: 1490

Uncertainty of Measurement 0.2% of Reading

Environmental Conditions During Test

Ambient Temp: 24.1°C

Ambient Pressure: 760.88mmHG

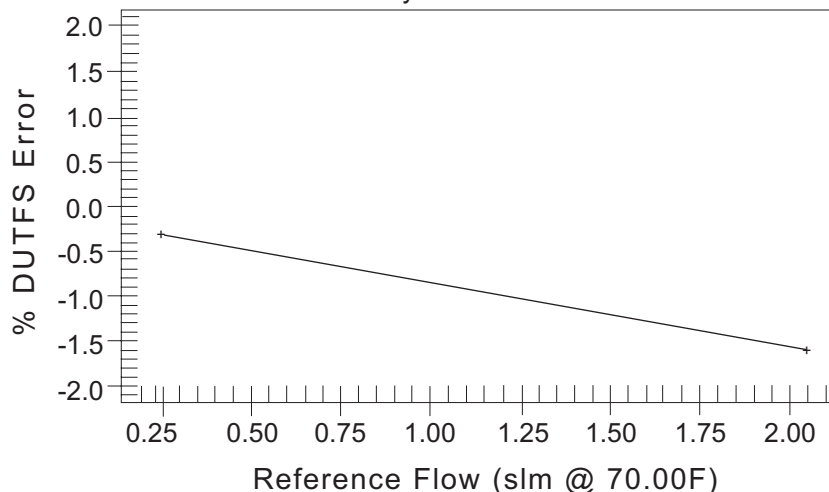
77.9% RH

Test Data

Command (% FS)	Signal Output	Actual Flow	Error (% FS)	Status
0.200	0.200	0.2046	-0.228	OK
2.000	2.000	2.0277	-1.383	OK

"OK" indicates in tolerance condition "T" indicates out of tolerance condition.

% DUTFS Error vs. Reference Flow
Cycle 1 w/Tolerance



Metrologist: _____

Operator: Mike Rodecker

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