EMERSON
Process Management

CALIBRATION CERTIFICATE

 # 0104

ACCREDITED

This is to certify that the following meter was calibrated in accordance with procedures **LWI-112** and **LWI-115** for performing primary gravimetric calibrations in the Micro Motion Measurement Technology Test Lab. The meter has been calibrated with standards whose accuracies are traceable to N.I.S.T.

Micro Motion, Inc. accredited by the American Association for Laboratory Accreditation (A2LA) for the specific scope of accreditation under Certificate Number 2033.01.

STANDARDS USED

19F5-19F9, 19FA-19FN, 19FP-19FZ, 19GC-19GK, 19GL, 74876, 586735, 590294, 590295, 51-2006939

ESTIMATED UNCERTAINTY **±0.014%**

The uncertainty is estimated using a coverage factor (k) of 2, providing a confidence level of approximately 95 %

STATUS

☐ As Found ☑ As Left

TEST TECHNICIAN	DATE	QUALITY ASSURANCE REVIEW	DATE
	12/07/2006		12/7/06

TEST DATE & TIME

12/6/2006 12:34:42 PM

TEST COMMENTS

CMF050 Global Reference Meter (Initial Calibration) 340pt Flow Test 7K

SENSOR DATA

Serial Number:	14013322
Model:	ELITE
Size:	O5O
Material:	316L Stainless Steel
Press Rating:	STANDARD
Temp Rating:	STANDARD

SENSOR CALIBRATION

Flow Calibration Factor:	14.6304.75
D1:	0.00000
D2:	1.00000
K1:	6406.47
K2:	7750.10
FD:	333.29
Density Temp Coeff.:	4.44

TRANSMITTER DATA

Serial Number:	09001123
Model:	MVD - 2400S
Mass Flow Units:	lb/min
Density Units:	g/cc
Temperature Units:	C
Mass Flow Cutoff:	0.13
Mass Flow Damping:	0.6
Flow Direction:	FWD
Frequency Flow Rate:	150
Frequency Span:	10000

METER SPECIFICATIONS

Flow Accuracy:	0.10	%
Flow Repeatability:	0.05	%
Zero Stability:	0.00600	lb/min
Density Accuracy:	0.0005	g/cc
Density Repeatability:	0.0002	g/cc

Micro Motion