



Max Machinery, Inc.
an ISO 9001:2008 certified company

CERTIFICATE OF CALIBRATION

Certificate #: 90235

Keep for your records.

Customer: Sample Customer
123 Any Street
Any Town, CA 12345
United States

Laboratory Location: Max Machinery, Inc
33A Healdsburg Ave
Healdsburg, CA 95448
707-433-2662

Type of Device: Flow Meter
Manufacturer: Max Machinery, Inc.
Model Number: P214MS11NA/P11N/0
Serial Number: D12345

Calibration Fluid: Kerosene
Fluid Viscosity: 3 cps
Fluid Specific Gravity: 0.82 g/mL
Fluid Temp: 21°C +/- 1°C

Date of Calibration: 7/1/2015
Sales Order: SAMPLE
Procedure Used: LA-P-113
Performed By: JDO

Output Units: Pulses/mL
Flow Units: mL/min
K-Factor: 90.000

Calibration Notes: This document reflects the new linear calibration.
The new condition was found to be in tolerance.

Calibration Data

Flow Rate				----- Output -----			Error	Flow Rate				----- Output -----			Error
mL/min	Pulses/mL	Frequency Hz	% reading				mL/min	Pulses/mL	Frequency Hz	% reading					
10042.8	89.987	15062.020	-0.01%												
7002.8	90.010	10505.370	0.01%												
2999.3	90.018	4499.850	0.02%												
997.5	90.026	1496.682	0.03%												
299.9	90.039	450.045	0.04%												
100.0	90.042	150.070	0.05%												
30.0	90.012	45.006	0.01%												
10.0	90.052	15.009	0.06%												

Equipment Used in the Calibration:

Calibration ID:	Description:	Serial Number:	Cal Due Date:	Certificate Number:
41801	Built in reference meter	418	3/13/2016	41801031315
41802	Built in reference meter	418	3/13/2016	41802031315
41803	Temperature controller	41803	11/12/2015	41803111214
41805	Counter/timer	166FC5C	11/15/2015	41805111514
41807	Multifunction DAQ	1676A16	11/26/2015	41807112614

QC Approval:

Jane Doe

Jane Doe
Quality Manager

7/1/2015

Calibration Technician

John Doe

John Doe
Lab Technician

7/1/2015

This calibration was conducted using standards traceable to NIST.
Measurement uncertainty of the #418 test stand is +/- 0.126% of reading with a 95% confidence (k=2 coverage factor).
Calculations are available upon request.

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