



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

CERTIFICATE OF CALIBRATION

Certificate #: 90042

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: P215MS11NA/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/L
Flow Units: L/min
K-Factor: 20000

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

Calibration Data

Flow Rate L/min	----- Output -----		Error % reading	Flow Rate L/min	----- Output -----		Error % reading
	Pulses/L	Frequency Hz			Pulses/L	Frequency Hz	
35.13	19994	11706.490	-0.03%				
19.79	20001	6596.997	0.00%				
10.01	20001	3336.833	0.00%				
3.00	20001	1000.050	0.00%				
1.00	19999	333.317	0.00%				
0.30	20000	100.000	0.00%				
0.10	20004	33.340	0.02%				
0.03	19978	9.989	-0.11%				

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 7/1/2015
Jane Doe
Quality Manager

Calibration Technician

John Doe 7/1/2015
John Doe
Lab Technician

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.

This Certificate shall not be reproduced, except in full, without written approval by Max Machinery, Inc.