



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

CERTIFICATE OF CALIBRATION

Certificate #: 90328

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: P001HS31NA/P11N/1
Serial Number: D12345

Calibration Fluid: Kerosene
Fluid Viscosity: 3 cps
Fluid Specific Gravity: 0.86 g/mL
Fluid Temp: 21°C +/- 1°C

Date of Calibration: 7/1/2015
Sales Order: SAMPLE
Procedure Used: LA-W-015
Performed By: JDO

Output Units: Pulses/mL
Flow Units: mL/min
K-Factor: 12000

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

Calibration Data

Flow Rate mL/min	Output		Error % reading	Flow Rate mL/min	Output		Error % reading
	Pulses/mL	Frequency Hz			Pulses/mL	Frequency Hz	
200.04	11999	40004.660	-0.01%				
100.02	12000	20004.000	0.00%				
30.01	11996	6000.000	-0.03%				
10.00	12002	2000.333	0.02%				
3.00	11996	599.800	-0.03%				
1.00	12010	200.167	0.08%				
0.30	11989	59.945	-0.09%				
0.10	12000	20.000	0.00%				

Equipment Used in the Calibration:

Calibration ID:	Description:	Serial Number:	Cal Due Date:	Certificate Number:
42200	Optical Encoder	U23439	3/11/2019	42200031114
42201	Counter/Timer	165894	11/26/2015	42201082515

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 #422 test stand is +/- 0.181% 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.