

**CERTIFICATE OF  
 CALIBRATION**



Certificate No. ACT-1272

<b>CERTIFICATION NUMBER</b>	CP134-00266-840	<b>IDENTIFICATION</b>	MC-002H
<b>FOR</b>	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	<b>SERIAL NUMBER</b>	266
<b>TEST INSTRUMENT</b>	Durometer Calibrator	<b>PURCHASE ORDER #</b>	
<b>MAKE</b>	Rex	<b>PROCEDURES FOLLOWED</b>	MC-002H rev. 1
<b>MODEL</b>	RDC-1		
<b>RANGE</b>	(0 to 100) duros		
<b>CUSTOMER LOCATION</b>	Location1 Location2	<b>STANDARDS USED</b>	
<b>CONDITION RECEIVED</b>	In Tolerance	<b>INSTRUMENT</b>	<b>SERIAL NUMBER</b>
<b>CONDITION RETURNED</b>	In Tolerance	FVS-019I	C0156-31860-513
<b>CALIBRATED BY</b>	Alex Paulsen	FVS-019R	Various
<b>REVIEWED/ISSUED</b>	D.P. 07/29/2025	FVS-275M	16787403.28
<b>CALIBRATION LOCATION</b>	FVM		
<b>ENVIRONMENT</b>	69.0°F, 31.0%RH, 28.92inHg		
<b>CALIBRATION DATE</b>	05/14/2025		
<b>RECALIBRATION DUE</b>	05/14/2026		
		<b>TRACE NUMBER</b>	<b>NEXT CAL</b>
		C0156-31860-513	07/31/2025
		C0306-37753-489	07/31/2025
		C0141-16400-690	07/31/2025



**CALIBRATION RESULTS**

\* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Direct Load						
A, B, O Weights	(g)	(g)	(g)	(g)	(g)	(g)
10	132.60	128.60	136.60	132.60	132.60	8.9E-2
20	209.20	205.20	213.20	209.20	209.20	1.2E-1
30	285.80	281.80	289.80	285.80	285.80	1.4E-1
40	362.40	358.40	366.40	362.40	362.40	1.7E-1
50	439.00	435.00	443.00	439.00	439.00	2.0E-1
60	515.60	511.60	519.60	515.60	515.60	2.3E-1
70	592.20	588.20	596.20	592.20	592.20	2.5E-1
80	668.80	664.80	672.80	668.80	668.80	2.8E-1
90	745.40	741.40	749.40	745.40	745.40	3.1E-1
100	822.00	818.00	826.00	822.00	822.00	3.4E-1
C, D, DO Weights						
	(lb)	(lb)	(lb)	(lb)	(lb)	(lb)
10	1.000	0.950	1.050	1.000	1.000	1.8E-3
20	2.000	1.950	2.050	2.000	2.000	3.0E-3
30	3.000	2.950	3.050	3.000	3.000	4.2E-3
40	4.000	3.950	4.050	4.000	4.000	5.4E-3
50	5.000	4.950	5.050	5.000	5.000	6.6E-3
60	6.000	5.950	6.050	6.000	6.000	7.8E-3
70	7.000	6.950	7.050	7.000	7.000	9.0E-3
80	8.000	7.950	8.050	8.000	8.000	1.0E-2
90	9.000	8.950	9.050	9.000	9.000	1.1E-2
100	10.000	9.950	10.050	10.000	10.000	1.3E-2

**COMMENTS**

## Fox Valley Metrology

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<https://www.FoxValleyMetrology.com>

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Example certificate, actual results and uncertainties will be reported at the time of calibration.

Nominal and limits may vary based on actual make/model.

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- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
  - Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
  - The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.