

**CERTIFICATE OF
 CALIBRATION**



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00182-840	IDENTIFICATION	MC-002F
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	182
TEST INSTRUMENT	Durometer	PURCHASE ORDER #	
MAKE	Standard Durometer	PROCEDURES FOLLOWED	MC-002F rev. 1
MODEL	Standard Durometer		
RANGE	Type Shore A	STANDARDS USED	
CUSTOMER LOCATION	Location1 Location2	INSTRUMENT	SERIAL NUMBER
CONDITION RECEIVED	In Tolerance	FVS-275M	16787403.28
CONDITION RETURNED	In Tolerance	FVS-468	607
CALIBRATED BY	Will Frank	FVS-526	2209122024
REVIEWED/ISSUED	D.P. 07/29/2025		
CALIBRATION LOCATION	FVM		
ENVIRONMENT	69.0°F, 31.0%RH, 28.92inHg		
CALIBRATION DATE	05/14/2025		
RECALIBRATION DUE	05/14/2026		
		TRACE NUMBER	NEXT CAL
		C0141-16400-690	05/31/2025
		C0219-33672-606	08/31/2025
		C0200-46413-449	07/31/2025



CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Type Shore A						
Indentor	(in)	(in)	(in)	(in)	(in)	(in)
Length	0.098	0.096	0.100	0.098	0.098	6.0E-4
Indentor Travel	(duro)	(duro)	(duro)	(duro)	(duro)	(duro)
0.000 in	0	0	1	0	0	6.0E-1
0.100 in	100	100	101	100	100	6.0E-1
Spring Force	(duro)	(duro)	(duro)	(duro)	(duro)	(duro)
132.6 g	10.0	9.0	11.0	10.0	10.0	1.0E-1
209.0 g	20.0	19.0	21.0	20.0	20.0	1.0E-1
285.5 g	30.0	29.0	31.0	30.0	30.0	1.0E-1
362.0 g	40.0	39.0	41.0	40.0	40.0	1.0E-1
438.5 g	50.0	49.0	51.0	50.0	50.0	1.0E-1
515.0 g	60.0	59.0	61.0	60.0	60.0	1.0E-1
591.4 g	70.0	69.0	71.0	70.0	70.0	1.0E-1
667.9 g	80.0	79.0	81.0	80.0	80.0	1.0E-1
744.4 g	90.0	89.0	91.0	90.0	90.0	1.0E-1

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration.
 Nominal and limits may vary based on actual make/model.

Fox Valley Metrology

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Oshkosh, WI 54902

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<https://www.FoxValleyMetrology.com>

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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.
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