

Fox Valley Metrology

3114 Medalist Drive

Oshkosh, WI 54902

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<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00051-840	IDENTIFICATION	MC-020A												
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	51												
TEST INSTRUMENT	Sand Testing Rammer	PURCHASE ORDER #													
MAKE	Dietert Testing Equipment	PROCEDURES FOLLOWED	MC-020A rev. 2												
MODEL	315 C1	STANDARDS USED													
CUSTOMER LOCATION	Location1 Location2	<table><tr><td>INSTRUMENT</td><td>SERIAL NUMBER</td><td>TRACE NUMBER</td><td>NEXT CAL</td></tr><tr><td>FVR-197A</td><td>FVR-197A</td><td>C0083-37408-690</td><td>07/31/2025</td></tr><tr><td>FVS-422</td><td>04ICS08-01</td><td>C0247-23158-681</td><td>09/30/2025</td></tr></table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVR-197A	FVR-197A	C0083-37408-690	07/31/2025	FVS-422	04ICS08-01	C0247-23158-681	09/30/2025	
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FVR-197A	FVR-197A	C0083-37408-690	07/31/2025												
FVS-422	04ICS08-01	C0247-23158-681	09/30/2025												
CONDITION RECEIVED	In Tolerance														
CONDITION RETURNED	In Tolerance														
CALIBRATED BY	Chris Strehlow														
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														

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Fall Height	(in) 2.000	(in) 1.998	(in) 2.002	(in) 2.000	(in) 2.000	(in) 6.0E-4
Ram Force	(in)	(in)	(in)	(in)	(in)	(in)
Impact Ring Diameter	0.674	0.672	0.676	0.674	0.674	5.9E-3
Compactability Scale	57.5%	57.5%	57.5%	57.5%	57.5%	
Stripping Post	Pass/Fail	Pass/Fail	Pass/Fail	Pass	Pass	

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.

- 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.