

South Dakota Department of Public Safety  
Office of Weights and Measures  
Metrology Lab  
Lab: 1500 N Garfield – E. Truck Bypass Phone: 605-773-3170  
Office: 118 West Capitol Avenue Phone: 605-773-3697  
Pierre SD 57501

## REPORT OF CALIBRATION

LAB TEST NUMBER: MP3787  
DATE OF REPORT: 04/20/2018  
DATE RECEIVED: 04/20/2018  
DATE OF TEST: 04/20/2018

RECEIVED  
APR 30 2018  
ND PSC

**Submitted By:** Midwest Meter Provers  
**Contact:** Allan Marsolek  
**Mailing Address:** 2965 85th Ave SE  
**City, State, Zip:** Jamestown, ND 58401  
**Phone:** 701-320-3698  
**S/A Number:**

**Standards Submitted:**

1 - Rice Lake 3000 lb truck mounted scale

**Uncertainty Statement:** The combined standard uncertainty includes the standard uncertainty reported for the standard and the standard uncertainty for the measurement process. The combined standard uncertainty is multiplied by a coverage factor  $k$  to provide an expanded uncertainty which defines an interval having a level of confidence of approximately 95 percent. The expanded uncertainty presented in this report is consistent with the 1995 ISO/IEC Guide to the Expression of Uncertainty in Measurement. The expanded uncertainty is not to be confused with a tolerance limit for the user during application.

**Traceability statement:**

The Standards of the SD Metrology Laboratory used for comparison are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability for artifacts identified in this report only.

This document does not represent or imply endorsement by NIST Office of Weights and Measures or any agency of the State and/or national governments. The reported test values relate only to the observations made at the time and conditions of the test. This report may not be reproduced, except in full without the written approval of this laboratory. The client must not use this document to claim product endorsement by this laboratory.

  
**Ron Peterson, Metrologist**



04/20/18  
**Date**

**SOUTH DAKOTA WEIGHTS AND MEASURES / METROLOGY LAB**

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Submitted by :	ALLAN MARSOLEK	Report Number:	MP3787
Mailing Address:	2965 85 <sup>th</sup> Ave SE	Date Received:	04/20/18
City, State, Zip:	Jamestown, ND 58401	Date Tested:	04/20/18
Make of Scale:	Rice Lake	Condition of Scale:	Good
Serial Number:	0008689/000018574	Temperature (c):	20
Capacity:	3000 lb X 0.5 lb	Humidity:	40
		Pressure (mm/Hg):	721.6

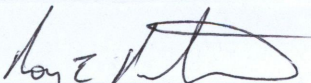
Test Load (lb)	As Found (lb)	Error (lb)	Allowable Tolerance (+/- lb)	As Left (lb)	As Left Error (lb)	Pass/Fail
0	0	0	.5	0	0	Pass
1000	1001.0	1.0	1.0	1001.0	1.0	Pass
2000	2001.5	1.5	1.5	1001.5	1.5	Pass

Repeatability test was performed and scale repeated within tolerance requirements.

A sensitivity weight of 25 lb was used at each weight and the results were within tolerance.

Standards used were calibrated using standards recently calibrated using standards of the SD Metrology lab which were tested by the Minnesota State Lab, 01/05/2018 and are traceable to NIST.

END OF REPORT

  
 Ron Peterson, Metrologist  
 Office of Weights and Measures  
 118 W Capitol  
 Pierre, SD 57501-2000

04/20/18  
 Date  
 Phone: 605-773-3697

[www.state.sd.us/dps/wm](http://www.state.sd.us/dps/wm)

