



**APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY**  
 Public Service Commission  
 SFN 51277 (2/2014)



TYPE OR PRINT - AN INCOMPLETE OR ILLEGIBLE APPLICATION WILL BE REJECTED

Name of Company <i>Webster Scale Inc</i>	Email Address <i>wsj@websterscale.com</i>	Application Date <i>12/2/15</i>	
Mailing Address <i>PO Box 127</i>	City <i>Webster</i>	State <i>SD</i>	Zip Code <i>57274</i>
Telephone Number <i>605.345.3881</i>	Cell Phone Number	Fax Number <i>605.345.3405</i>	

Select below all device types your company will certify:

Scales (include maximum capacity, if applicable)	Liquid (include maximum flow rate, if applicable)
<input checked="" type="checkbox"/> 1. Rail <input checked="" type="checkbox"/> 2. Truck <input checked="" type="checkbox"/> 3. Livestock <input checked="" type="checkbox"/> 4. Hopper: Max. Capacity: <u><i>150,000</i></u> <input type="checkbox"/> 5. Belt <input checked="" type="checkbox"/> 6. Over 30 lbs.: Max. Capacity: <u><i>400,000</i></u> <input checked="" type="checkbox"/> 7. 30 lbs. or less <input type="checkbox"/> 8. Class II (indicate on your calibration report which weight kit is Class II certified) <input type="checkbox"/> 9. Other: Please List:	<input type="checkbox"/> 1. Retail Fuel (less than 20 gal. per minute) <input type="checkbox"/> 2. High Flow Retail Fuel (20 gal. per minute or greater) <input type="checkbox"/> 3. Vehicle Tank: Max. Flow Rate: _____ <input type="checkbox"/> 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____ <input type="checkbox"/> 5. LPG <input type="checkbox"/> 6. Stationary LPG <input type="checkbox"/> 7. Fertilizer: Max. Flow Rate: _____ <input type="checkbox"/> 8. Chemical <input type="checkbox"/> 9. Anhydrous <input type="checkbox"/> 10. Loading Rack <input type="checkbox"/> 11. Other: Please List:

List below all persons employed by your company as a North Dakota Registered Service Person and the device types they are registered to certify (attach a separate sheet to list additional employees):

Permit No.	Employee	Device Types Registered to Certify (list using device type numbers from above)
<i>e.g. 1001</i>	<i>e.g. John Doe</i>	<i>e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6</i>
<i>1448</i>	<i>Roger Shoemaker</i>	<i>scales 1-7</i>
<i>1449</i>	<i>John Shoemaker</i>	<i>1-7</i>
<i>1704</i>	<i>Rob Kading</i>	<i>1-7</i>
<i>1536</i>	<i>Jason Shoemaker</i>	<i>1-7</i>
<i>1705</i>	<i>Michael Dunbar</i>	<i>1</i>

Continued on Page 2

WM-15-655 Filed: 12/7/2015 Pages: 15  
 Application for permit

Webster Scale, Inc.



List below all field standards (attach current calibration reports):



Additional Application Items (initial where appropriate):

Standardized Test Report	<input type="checkbox"/> Copy enclosed <input checked="" type="checkbox"/> No change in report filed previously
Tested and Approved Sticker	<input type="checkbox"/> Copy enclosed <input checked="" type="checkbox"/> No change in sticker filed previously
Photocopy of Crimped Lead Wire Seal	<input type="checkbox"/> Copy enclosed <input checked="" type="checkbox"/> No change in crimped lead wire seal filed previously

Public Company Listing:

Include my company information on your registered service company list for public contact.  
 Yes     No

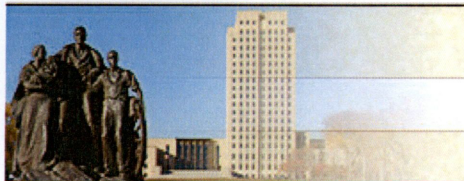
I am Roger Shoemaker, and have authority to represent this company.  
By signing this application, I declare that I have examined this form and accompanying documentation, and to the best of my knowledge and belief, the facts stated and documentation provided is true, correct, and complete.

  
\_\_\_\_\_  
Signature

Send Completed Application and Related Documents To:

Public Service Commission  
600 E Boulevard Ave Dept 408  
Bismarck ND 58505-0480  
Telephone: (701) 328-2400  
Fax: (701) 328-2410

North Dakota

nd.gov Official Portal for  
North Dakota State GovernmentNorth Dakota  
LEGENDARY

## SECRETARY OF STATE NORTH DAKOTA

[Home](#) | [Business Records Search](#)

### WEBSTER SCALE, INC.

#### Corporation Details

**System ID:** 9711500**Phone:** (605) 345-3881**Type:** FOREIGN BUSINESS CORPORATION**Status:** Active & Good Standing**Original File Date:** 05/20/1996**Effective Date:** 05/20/1996**State of Origin:** South Dakota

#### Nature of Business

SCALE MANUFACTURE, REPAIR AND OTHER CONSTRUCTION

#### Principal Office

14012 SD HWY 25 PO BOX 127 WEBSTER, SD 57274-0127

#### Registered Agent

**W W WEISPFENNING**

516 MAIN AVE

OAKES, ND 58474-1638

Established Date: May 20, 1996

#### Generate an Annual Report To File

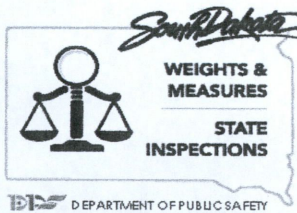
To Generate a Annual Report form to be filed with the Secretary of State, select the appropriate year of the report you intend to file. This report does not contain details of a report previously filed with the Secretary of State. The annual report years reflected are an indication of the various report forms available in this site and is not an indication that an entity needs to file reports for all years. Missing years indicate that the forms for the missing year have not yet been deployed to the website, or have already been removed, and can be obtained by contacting the Secretary of State.

[2015](#) (generates a forms-fillable pdf in a new pop-up window)[Return to Search Results](#)[Contact Us](#)[Disclaimer](#)[Privacy Policy](#)

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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: MP3399  
DATE OF REPORT: 11/11/2015  
DATE RECEIVED: 11/09/2015  
DATE OF TEST: 11/10-11/2015

**Submitted By:** Webster Scale  
**Contact:** Roger Shoemaker  
**Mailing Address:** Box 127  
**City, State, Zip:** Webster, SD 57274  
**Phone:** 605-345-3881  
**S/A Number:**

**Standards Submitted:**

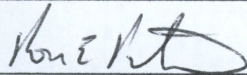
20 1000 lb test weights  
2 weight kits  
20 50 lb test weights  
2 4000 lb weight carts

**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.

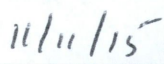
**Traceability statement:**

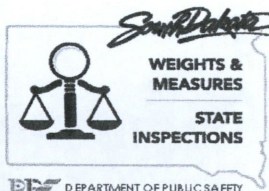
The Standards of the SD Metrology Laboratory used for comparison are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability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



  
Date



**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

<b>Submitted by:</b>	Webster Scale	<b>Report Number:</b>	MP3399
<b>Mailing Address:</b>	Box 127	<b>Date Received:</b>	11/09/15
<b>City, State, Zip:</b>	Webster, SD 57274	<b>Date tested:</b>	11/10/15
<b>Manufacturer:</b>	Weight Carts Inc	<b>Condition of Cart:</b>	GOOD
<b>Serial Number:</b>	090705B	<b>Temperature (c):</b>	20.0
<b>Test Method Used:</b>	SOP 33 Calibrations of Weight Carts, Sep 2014	<b>Humidity:</b>	40.0%
<b>Nominal (lb):</b>	4000	<b>Pressure (mm/Hg):</b>	710.6
<b>Tolerance (lb):</b>	1.25		

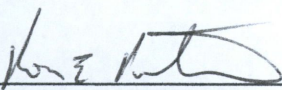
*The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory.*

As Found (lb)	As Left (lb)	Uncertainty-lb. (K=2)
0.81	-0.01	0.21

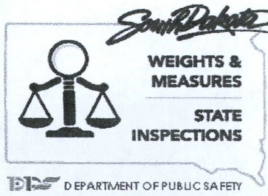
The weight cart was allowed to come to environmental equilibrium in the laboratory prior to calibration. The weight cart was adjusted, as needed and noted above, as close as possible to zero error. All fluid levels must be maintained as close to reference levels as possible during use. Any maintenance, repairs or damage to weight cart or its components will likely result in an out-of-tolerance condition; therefore, maintenance or replacement of components such as batteries, tires, filters, etc. will require calibration of the weight cart prior to subsequent use.

Test equipment used include recently calibrated weights and a Sartorius PR 6246/33 load cell.

*The above weight cart was compared with standards of the State of South Dakota, which are traceable the National Institute of Standards and Technology(NIST) Weights and Measures Division. The assigned test number provides documented evidence for measurement traceability.*

  
 Ron Peterson, Metrologist

11/11/2015  
 Date of Report



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<b>Mailing Address:</b>	Box 127	<b>Date Received:</b>	11/09/15
<b>City, State, Zip:</b>	Webster, SD 57274	<b>Date tested:</b>	11/11/15
<b>Manufacturer:</b>	Weight Carts Inc	<b>Condition of Cart:</b>	GOOD
<b>Serial Number:</b>	090905A	<b>Temperature (c):</b>	20.0
<b>Test Method Used:</b>	SOP 33 Calibrations of Weight Carts, Sep 2014	<b>Humidity:</b>	45.0%
<b>Nominal (lb):</b>	4000	<b>Pressure (mm/Hg):</b>	709.2
<b>Tolerance (lb):</b>	1.25		

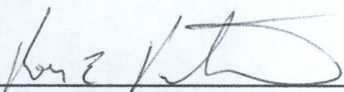
*The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory.*

As Found (lb)	As Left (lb)	Uncertainty-lb. (K=2)
-0.47	-0.04	0.30

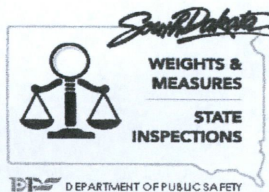
The weight cart was allowed to come to environmental equilibrium in the laboratory prior to calibration. The weight cart was adjusted, as needed and noted above, as close as possible to zero error. All fluid levels must be maintained as close to reference levels as possible during use. Any maintenance, repairs or damage to weight cart or its components will likely result in an out-of-tolerance condition; therefore, maintenance or replacement of components such as batteries, tires, filters, etc. will require calibration of the weight cart prior to subsequent use.

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 Ron Peterson, Metrologist

11/11/2015  
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 Date of Report



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**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

**Submitted by:** Webster Scale **Report Number:** MP3399  
**Mailing Address:** Box 127 **Date Received:** 11/09/15  
**City, State, Zip:** Webster, SD 57274 **Date tested:** 11/10/12  
**Artifacts Submitted:** 1000 lb test weights **Condition of Weights:** GOOD  
**Test Method Used:** SOP 8/ MODIFIED SUB, Sep 2014 **Temperature (c):** 22.5  
**Equipment Used:** Russell Balance/ Vaisala PTU301 **Humidity:** 47.3  
**Pressure (mm/Hg):** 708.1

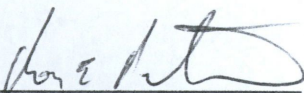
Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.

Standards Used: SD Lab 1000 lb and/or 500 lb Working Standards.

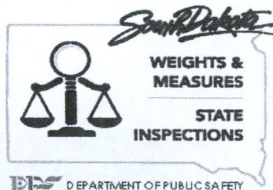
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in the uncertainties.

A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
1000 lb	1.06	0.127 lb 57.8 g	0.000 lb 0.2 g	45 g	6.8 g	2.03
1000 lb	1.11	-0.036 lb -16.5 g		45 g	6.8 g	2.03
1000 lb	2.05	-0.114 lb -51.9 g	-0.001 lb -0.6 g	45 g	6.8 g	2.03
1000 lb	3.05	-0.046 lb -21.0 g		45 g	6.8 g	2.03
1000 lb	3.06	0.000 lb -0.2 g		45 g	6.8 g	2.03
1000 lb	3.11	-0.014 lb -6.3 g		45 g	6.8 g	2.03
1000 lb	4.05	-0.028 lb -12.5 g		45 g	6.8 g	2.03
1000 lb	5.05	-0.150 lb -67.9 g	-0.001 lb -0.4 g	45 g	6.8 g	2.03
1000 lb	8.06	-0.105 lb -47.5 g	-0.001 lb -0.3 g	45 g	6.8 g	2.03
1000 lb	9.05	-0.277 lb -125.6 g	0.006 lb 2.7 g	45 g	6.8 g	2.03
1000 lb	10.06	-0.010 lb -4.3 g		45 g	6.8 g	2.03
1000 lb	11.05	-0.058 lb -26.4 g	-0.001 lb -0.3 g	45 g	6.8 g	2.03
1000 lb	12.05	-0.096 lb -43.5 g	0.005 lb 2.5 g	45 g	6.8 g	2.03
1000 lb	12.11	-0.028 lb -12.6 g		45 g	6.8 g	2.03
1000 lb	13.05	-0.082 lb -37.1 g	-0.001 lb -0.4 g	45 g	6.8 g	2.03
1000 lb	13.11	0.079 lb 35.8 g	0.000 lb 0.0 g	45 g	6.8 g	2.03
1000 lb	16.11	-0.089 lb -40.2 g	0.001 lb 0.3 g	45 g	6.8 g	2.03
1000 lb	20.06	0.221 lb 100.1 g	0.000 lb 0.2 g	45 g	6.8 g	2.03
1000 lb	20.11	-0.114 lb -51.9 g	-0.001 lb -0.3 g	45 g	6.8 g	2.03
1000 lb	21.11	-0.103 lb -46.8 g	0.003 lb 1.2 g	45 g	6.8 g	2.03

  
 Ron Peterson, Metrologist

11/11/2015  
 Date of Report



**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

<b>Submitted by:</b>	Webster Scale	<b>Report Number:</b>	MP3399
<b>Mailing Address:</b>	Box 127	<b>Date Received:</b>	11/09/15
<b>City, State, Zip:</b>	Webster, SD 57274	<b>Date tested:</b>	11/11/15
<b>Artifacts Submitted</b>	50 lb test weights	<b>Condition of Weights:</b>	GOOD
		<b>Temperature (c):</b>	21.5
<b>Test Method Used:</b>	SOP 8/ MODIFIED SUB, Sep 2014	<b>Humidity:</b>	48.4%
<b>Equipment Used:</b>	Mettler KA-30/ Vaisala PTU301	<b>Pressure (mm/Hg):</b>	710.5

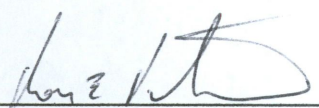
Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.

Standards Used: SD Lab 1000 lb and/or 500 lb Working Standards.

The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in the uncertainties.

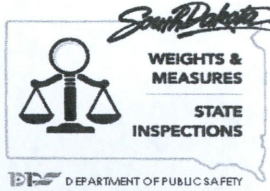
A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	1	1216 mg		2300 mg	284 mg	2.04
50 lb	1.12	2711 mg	-19 mg	2300 mg	284 mg	2.04
50 lb	2	3246 mg	-24 mg	2300 mg	284 mg	2.04
50 lb	2.1	-1034 mg		2300 mg	284 mg	2.04
50 lb	2.12	2251 mg	-14 mg	2300 mg	284 mg	2.04
50 lb	3.12	1646 mg	171 mg	2300 mg	284 mg	2.04
50 lb	6	1026 mg	26 mg	2300 mg	284 mg	2.04
50 lb	8	2941 mg	-14 mg	2300 mg	284 mg	2.04
50 lb	9	1451 mg		2300 mg	284 mg	2.04
50 lb	10	2051 mg	-24 mg	2300 mg	284 mg	2.04
50 lb	11	2091 mg	1 mg	2300 mg	284 mg	2.04
50 lb	12	1081 mg		2300 mg	284 mg	2.04
50 lb	13	-679 mg		2300 mg	284 mg	2.04
50 lb	15	2346 mg	-24 mg	2300 mg	284 mg	2.04
50 lb	16	1886 mg	-4 mg	2300 mg	284 mg	2.04
50 lb	17	1066 mg		2300 mg	284 mg	2.04
50 lb	18	2126 mg	216 mg	2300 mg	284 mg	2.04
50 lb	19	311 mg		2300 mg	284 mg	2.04
50 lb	A	381 mg		2300 mg	284 mg	2.04
50 lb	W10	-489 mg		2300 mg	284 mg	2.04

  
Ron Peterson, Metrologist

11/11/2015  
Date of Report





**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

<b>Submitted by:</b>	Webster Scale	<b>Report Number:</b>	MP3399
<b>Mailing Address:</b>	Box 127	<b>Date Received:</b>	11/09/15
<b>City, State, Zip:</b>	Webster, SD 57274	<b>Date tested:</b>	11/10-11/2015
<b>Artifacts Submitted</b>	Rice Lake 18 piece kit	<b>Condition of Weights:</b>	GOOD
	SN WSI #1	<b>Temperature (c):</b>	21.4
<b>Test Method Used:</b>	SOP 8/ MODIFIED SUB, Sep 2014	<b>Humidity:</b>	49.4
<b>Equipment Used:</b>	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	<b>Pressure (mm/Hg):</b>	710.2

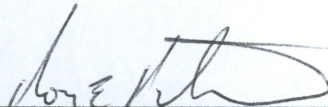
Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.

Standards Used: SD Lab 1000 lb and/or 500 lb Working Standards.

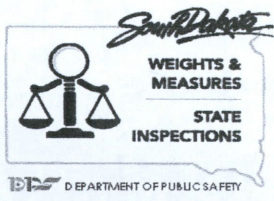
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in the uncertainties.

A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
10 lb		209 mg		450 mg	55 mg	2.06
10 lb	2	109 mg		450 mg	55 mg	2.06
5 lb	3	12 mg		230 mg	28 mg	2.05
2 lb		44 mg		91 mg	11 mg	2.06
2 lb		48 mg		91 mg	11 mg	2.06
1 lb		23.6 mg		70 mg	8.5 mg	2.05
0.5 lb		24.1 mg		45 mg	5.5 mg	2.05
0.2 lb		9.2 mg		18 mg	2.2 mg	2.06
0.2 lb		10.0 mg		18 mg	2.2 mg	2.06
0.1 lb		4.9 mg		9.1 mg	1.1 mg	2.06
0.05 lb		2.32 mg		4.5 mg	0.55 mg	2.06
0.02 lb		0.54 mg		1.8 mg	0.22 mg	2.06
0.02 lb		0.37 mg		1.8 mg	0.22 mg	2.06
0.01 lb		0.96 mg		1.5 mg	0.19 mg	2.06
0.005 lb		0.82 mg		1.2 mg	0.18 mg	2.06
0.002 lb		0.60 mg		0.87 mg	0.11 mg	2.06
0.002 lb		0.27 mg		0.87 mg	0.11 mg	2.06
0.001 lb		0.45 mg		0.7 mg	0.10 mg	2.06

  
Ron Peterson, Metrologist

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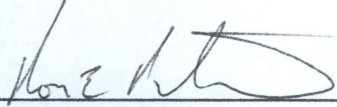
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<b>Artifacts Submitted</b>	Rice Lake 11 piece kit	<b>Condition of Weights:</b>	GOOD
	SN 103111A	<b>Temperature (c):</b>	21.4
<b>Test Method Used:</b>	SOP 8/ MODIFIED SUB, Sep 2014	<b>Humidity:</b>	49.4
<b>Equipment Used:</b>	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	<b>Pressure (mm/Hg):</b>	710.2

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.  
 Standards Used: SD Lab 1000 lb and/or 500 lb Working Standards.  
 The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in the uncertainties.  
 A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
1 kg		15 mg		100 mg	12 mg	2.06
500 g		19.7 mg		70 mg	8.6 mg	2.06
500 g		15.7 mg		70 mg	8.6 mg	2.06
200 g		19.8 mg		40 mg	5.0 mg	2.06
100 g		7.5 mg		20 mg	2.4 mg	2.06
50 g		3.7 mg		10 mg	1.2 mg	2.06
20 g		0.54 mg		4 mg	0.49 mg	2.05
20 g		1.16 mg		4 mg	0.49 mg	2.05
2 g		0.36 mg		1.1 mg	0.14 mg	2.06
2 g		0.32 mg		1.1 mg	0.14 mg	2.06
1 g		0.09 mg		0.9 mg	0.12 mg	2.06

End of Report

  
 \_\_\_\_\_  
 Ron Peterson, Metrologist

11/11/2015  
 Date of Report

# United States Department of Commerce National Institute of Standards and Technology

Certificate of Metrological Traceability For:

## South Dakota

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and demonstrated suitable measurement assurance for the Scope listed on this certificate.

The Office of Weights and Measures Program assesses laboratories to NIST Handbook 143 - Program Handbook for State Weights and Measures Laboratories and ISO/IEC 17025:2005.

### *Scope*

**Mass Echelon III**

30 kg to 50 mg  
1000 lb to 0.001 lb  
8 oz to 0.03125 oz

**Weight Carts**

5000 lb to 2000 lb

**Volume Transfer, II**

5 gal



2015

A handwritten signature in blue ink, reading "Carol T. Hockert".

Carol T. Hockert, Chief  
NIST Office of Weights and Measures

Effective Dates: 2015-01-01 to 2015-12-31



Receipt Date: August 6, 2015  
 Test Date: August 6, 2015  
 Report Date: August 6, 2015

State Test No.: 334644  
 Car Serial No.: BN 979006  
 Barcode: 201342

## Calibration Report

BNSF RAILROAD  
 4515 KANSAS AVENUE  
 KANSAS CITY, KS 66106-1124  
 Contact: Ervin Marshall  
 Phone: 913-544-6852  
 PO Number: NONE  
 SOP: 13  
 Technician ID: 7

Item(s) Submitted: Railroad Test Car  
 Manufacturer: Composite  
 Last Test Date: August 4, 2014  
 Recent Repairs: None  
 Condition: Good  
 Temperature: 24.1 °C  
 Pressure: 734.9 mmHg  
 Relative Humidity: 56. %

Nominal Value (lb)	Value (lb)		NIST Class F Tolerance (lb)	Unc. (lb) (k=2)
	As Found	As Left		
82,000	82,003	82,003	8	4

Test Witnessed by: Mike Dunbar

The car listed above has been calibrated at the Master Scale House of the State of Minnesota, Department of Commerce Weights and Measures Division. This Master Scale is tested on an annual basis by the Grain Inspection Packers & Stockyards Administration (GIPSA) using standards, traceable to NIST, of equal nominal mass ( $\pm 16$  lb) to that of the test car. Calibration documentation is available upon request.

The uncertainty value provided above has been calculated using historical data and GIPSA test information.

Results apply to items identified in this report only.

Mark Nicollet  
  
 Quality Manager

Reviewed by:  
 Pete Whebbe  
  
 Metrologist



Receipt Date: November 4, 2015  
Test Date: November 4, 2015  
Report Date: November 4, 2015

State Test No.: 335058  
Car Serial No.: BNSF 979019  
Barcode: 201159

## Calibration Report

BNSF RAILROAD  
4515 KANSAS AVENUE  
KANSAS CITY, KS 66106-1124  
Contact: Ervin Marshall  
Phone: 913-544-6852  
PO Number: NONE  
SOP: 13  
Technician ID: 11

Item(s) Submitted: Railroad Test Car  
Manufacturer: Unknown  
Last Test Date: November 13, 2014  
Recent Repairs: New Coupler  
Condition: Good  
Temperature: 15.6 °C  
Pressure: 733.2 mmHg  
Relative Humidity: 79.8 %

Nominal Value (lb)	Value (lb)		NIST Class F Tolerance (lb)	Uncertainty (lb) ( $k = 2$ )
	As Found	As Left		
101,000	101,027	100,999	10.1	4

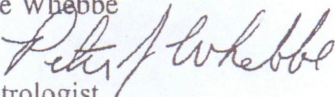
Test Witnessed by: Mike Dunbar

The car listed above has been calibrated at the Master Scale House of the State of Minnesota, Department of Commerce Weights and Measures Division. This Master Scale is tested on an annual basis by the Grain Inspection Packers & Stockyards Administration (GIPSA) using standards, traceable to NIST, of equal nominal mass ( $\pm 16$  lb) to that of the test car. Calibration documentation is available upon request.

The uncertainty value provided above has been calculated using historical data and GIPSA test information.

Results apply to items identified in this report only.

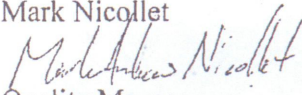
Pete Whebbe



Metrologist

Reviewed by:

Mark Nicollet



Quality Manager



Receipt Date: November 4, 2015  
Test Date: November 4, 2015  
Report Date: November 4, 2015

State Test No.: 335057  
Car Serial No.: BN 979022  
Barcode: 201132

## Calibration Report

BNSF RAILROAD  
4515 KANSAS AVENUE  
KANSAS CITY, KS 66106-1124  
Contact: Ervin Marshall  
Phone: 913-544-6852  
PO Number: NONE  
SOP: 13  
Technician ID: 11

Item(s) Submitted: Railroad Test Car  
Manufacturer: Maxson  
Last Test Date: December 22, 2014  
Recent Repairs: None  
Condition: Good  
Temperature: 15.8 °C  
Pressure: 733.2 mmHg  
Relative Humidity: 79.9 %

Nominal Value (lb)	Value (lb)		NIST Class F Tolerance (lb)	Uncertainty (lb) (k = 2)
	As Found	As Left		
100,000	100,002	100,002	10	4

Test Witnessed by: Mike Dunbar

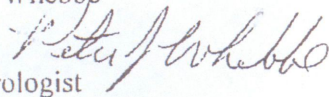
The car listed above has been calibrated at the Master Scale House of the State of Minnesota, Department of Commerce Weights and Measures Division. This Master Scale is tested on an annual basis by the Grain Inspection Packers & Stockyards Administration (GIPSA) using standards, traceable to NIST, of equal nominal mass ( $\pm 16$  lb) to that of the test car. Calibration documentation is available upon request.

The uncertainty value provided above has been calculated using historical data and GIPSA test information.

Results apply to items identified in this report only.

Pete Whebbe

Metrologist

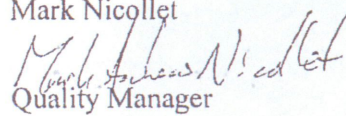


Page 1 of 1

Reviewed by:

Mark Nicollet

Quality Manager



# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Minnesota

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and demonstrated suitable measurement assurance for the Scope listed on this certificate.

The Office of Weights and Measures Program assesses laboratories to NIST Handbook 143 - Program Handbook for State Weights and Measures Laboratories and ISO/IEC 17025:2005.



2015

### Scope

#### Mass Echelon II

50 kg to 1 mg  
1000 lb to 0.001 lb  
4 oz to 0.03125 oz

#### Mass Echelon III

50 kg to 1 mg  
5000 lb to 0.001 lb  
4 oz to 0.03125 oz

#### Weight Carts

10 000 lb to 2000 lb  
Wheel Load Weighers  
20 000 lb to 2000 lb  
Railroad Test Cars  
110 000 lb to 80 000 lb

#### Volume Gravimetric, I

20 L to 1 mL  
100 gal to 0.25 qt

#### Volume Transfer, II

1500 gal to 5 gal  
100 gal to 25 gal LPG

A handwritten signature in blue ink that reads "Carol T. Hockert".

Carol T. Hockert, Chief  
NIST Office of Weights and Measures

Effective Dates: 2015-01-01 to 2015-12-31