



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>WebsterScale Inc</i>	Email Address <i>wsif@websterscale.com</i>	Application Date <i>11/7/14</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>150,000</u> <input type="checkbox"/> 5. Belt <input checked="" type="checkbox"/> 6. Over 30 lbs.: Max. Capacity: <u>400,000</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>1422</i>	<i>Norm Brucker</i>	<i>1</i>
<i>1705</i>	<i>Michael Dunbar</i>	<i>1</i>

Continued on Page 2

Application for Registration as a Registered Service Company
Page 2

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.

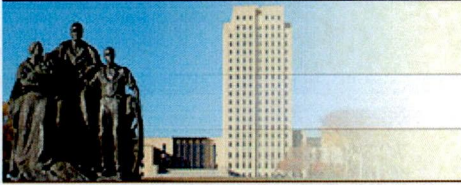


Signature

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 Government

SECRETARY OF STATE NORTH DAKOTA

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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.

[2014](#) (generates a forms-fillable pdf in a new pop-up window)

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Will open a new window (pop-up).

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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



REPORT OF CALIBRATION

LAB TEST NUMBER: MP3348
DATE OF REPORT: 12/29/2014
DATE RECEIVED: 12/22/2014
DATE OF TEST: 12/23/14-12/29/14

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:

- 2 -WEIGHT CARTS
- 20 -1000 LB TEST WEIGHTS
- 20 -50 LB TEST WEIGHTS
- 1 -AVOIRDUPOIS WEIGHT KITS
- 1 -METRIC WEIGHT KITS

Uncertainty Statement: The combined standard uncertainty includes the standard uncertainty reported for the standard, the standard uncertainty for the measurement process, and a component of uncertainty to account for any observed deviations from values that are less than surveillance limits. 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 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. All established Uncertainties are less than 1/3 applicable Class "F" tolerances.

Traceability statement:

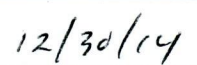
The Standards of the SD Metrology Laboratory are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability for artifacts identified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

The artifacts submitted for calibration have been examined by the State of South Dakota and found to be appropriate for the intended use and to be accurate within Class "F" Tolerances as established by the National Institute of Standards and Technology-Weights and Measures Division. Test methods are in accordance with NIST Handbook 145 and NIST IR 6969 and/or NIST IR 7383.

This document does not represent or imply endorsement by NIST Office of Weights and Measures, NMI, 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 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

Submitted by:	Webster Scale	Report Number:	MP3348
Mailing Address:	Box 127	Date Received:	12/22/14
City, State, Zip:	Webster, SD 57274	Date tested:	12/23/14
Manufacturer:	Unk	Condition of Cart:	GOOD
Serial Number:	No Key	Temperature (c):	20.3
Test Method Used:	SOP 33/ Double Sub.	Humidity:	45.4%
Nominal (lb):	4000	Pressure (mm/Hg):	715.8
Tolerance (lb):	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)
1.09	0.03	0.13

The weight cart was cleaned and painted (if needed) and 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 were adjusted as close as possible to the full/reference marks. Liquid 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.

This weight cart and associated uncertainties were evaluated against NIST Handbook 105-8 Specifications and Tolerances for Field Standard Weight Carts and was within tolerance at the time of calibration.

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 and have known values. The assigned test number provides documented evidence for measurement traceability.



Ron Peterson, Metrologist

12/29/2014

Date of Report



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Pierre, SD 57501

Submitted by:	Webster Scale	Report Number:	MP3348
Mailing Address:	Box 127	Date Received:	12/22/14
City, State, Zip:	Webster, SD 57274	Date tested:	2/23/14-12/29/14
Manufacturer:	Unk	Condition of Cart:	GOOD
Serial Number:	Keyed	Temperature (c):	20.3
Test Method Used:	SOP 33/ Double Sub.	Humidity:	45.4%
Nominal (lb):	4000	Pressure (mm/Hg):	715.8
Tolerance (lb):	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)
2.00	0.31	0.13

The weight cart was cleaned and painted (if needed) and 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 were adjusted as close as possible to the full/reference marks. Liquid 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

12/29/2014
 Date of Report



SOUTH DAKOTA WEIGHTS AND MEASURES / METROLOGY LAB

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Office: 118 West Capitol Avenue Phone: 605-773-3697

Pierre, SD 57501

Submitted by:	Webster Scale	Report Number:	MP3348
Mailing Address:	Box 127	Date Received:	12/22/14
City, State, Zip:	Webster, SD 57274	Date tested:	12/23/14
Artifacts Submitted	1000 lb TW	Condition of Weights:	GOOD
Manufacturer:	Unk	Temperature (c):	20.4
Test Method Used:	SOP 8/ MODIFIED SUB	Humidity:	45.7
Equipment Used:	Russell Balance/ Vaisala PTU301	Pressure (mm/Hg):	715.2

Treatment of artifacts prior to testing: Thermal equilibrium time/conditions were obtained by placing the artifacts in the lab overnight.

Compliance Statement: These weights and associated uncertainties were evaluated against NIST Handbook 105-1 NIST Class F tolerances and the weights were within tolerance at the time of calibration.

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

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	K
1000 lb	1-06	-0.179 lb -81.2 g	0.001 lb 0.7 g	45 g	6.8 g	2.04
1000 lb	1-11	-0.093 lb -42.2 g	-0.002 lb -0.9 g	45 g	6.8 g	2.04
1000 lb	2-05	-0.035 lb -16.0 g	-0.035 lb -16.0 g	45 g	6.8 g	2.04
1000 lb	3-05	-0.004 lb -1.8 g	-0.004 lb -1.8 g	45 g	6.8 g	2.04
1000 lb	3-06	-0.188 lb -85.5 g	0.001 lb 0.4 g	45 g	6.8 g	2.04
1000 lb	3-11	0.009 lb 4.1 g	0.009 lb 4.1 g	45 g	6.8 g	2.04
1000 lb	4-05	-0.027 lb -12.2 g	-0.027 lb -12.2 g	45 g	6.8 g	2.04
1000 lb	5-05	-0.040 lb -18.2 g	-0.040 lb -18.2 g	45 g	6.8 g	2.04
1000 lb	7-05	-0.071 lb -32.1 g	0.002 lb 0.7 g	45 g	6.8 g	2.04
1000 lb	8-05	-0.035 lb -16.0 g	-0.035 lb -16.0 g	45 g	6.8 g	2.04
1000 lb	8-06	0.022 lb 9.9 g	0.022 lb 9.9 g	45 g	6.8 g	2.04
1000 lb	10-06	0.005 lb 2.4 g	0.005 lb 2.4 g	45 g	6.8 g	2.04
1000 lb	12-05	-0.081 lb -36.6 g	0.002 lb 0.9 g	45 g	6.8 g	2.04
1000 lb	12-11	0.010 lb 4.3 g	0.010 lb 4.3 g	45 g	6.8 g	2.04
1000 lb	13-05	-0.047 lb -21.5 g	-0.047 lb -21.5 g	45 g	6.8 g	2.04
1000 lb	13-11	0.010 lb 4.6 g	0.010 lb 4.6 g	45 g	6.8 g	2.04
1000 lb	16-05	-0.041 lb -18.8 g	-0.041 lb -18.8 g	45 g	6.8 g	2.04
1000 lb	16-11	0.012 lb 5.3 g	0.012 lb 5.3 g	45 g	6.8 g	2.04
1000 lb	20-11	-0.006 lb -2.5 g	-0.006 lb -2.5 g	45 g	6.8 g	2.04
1000 lb	21-11	-0.021 lb -9.4 g	-0.021 lb -9.4 g	45 g	6.8 g	2.04



Ron Peterson, Metrologist

12/29/2014
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Office: 118 West Capitol Avenue Phone: 605-773-3697

Pierre, SD 57501

Submitted by:	Webster Scale	Report Number:	MP3348
Mailing Address:	Box 127	Date Received:	12/22/14
City, State, Zip:	Webster, SD 57274	Date tested:	12/29/14
Artifacts Submitted	50 lb TW	Condition of Weights:	GOOD
Manufacturer:	Unk	Temperature (c):	21.6
Test Method Used:	SOP 8/ MODIFIED SUB	Humidity:	47.7%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	729.8

Treatment of artifacts prior to testing: Thermal equilibrium time/conditions were obtained by placing the artifacts in the lab overnight.

Compliance Statement: These weights and associated uncertainties were evaluated against NIST Handbook 105-1 NIST Class F tolerances and the weights were within tolerance at the time of calibration.

Standards Used: SD Lab 50 lb and/or 25 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

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	0	-1834 mg	-254 mg	2300 mg	293 mg	2.16
50 lb	1.12	1206 mg	-89 mg	2300 mg	293 mg	2.16
50 lb	02	4396 mg	-69 mg	2300 mg	293 mg	2.16
50 lb	2.10	2106 mg	-9 mg	2300 mg	293 mg	2.16
50 lb	2.12	681 mg	681 mg	2300 mg	293 mg	2.16
50 lb	06	3426 mg	106 mg	2300 mg	293 mg	2.16
50 lb	08	1266 mg	1266 mg	2300 mg	293 mg	2.16
50 lb	09	2191 mg	271 mg	2300 mg	293 mg	2.16
50 lb	10	26 mg	26 mg	2300 mg	293 mg	2.16
50 lb	12	2911 mg	11 mg	2300 mg	293 mg	2.16
50 lb	13	-944 mg	-944 mg	2300 mg	293 mg	2.16
50 lb	15	1446 mg	1446 mg	2300 mg	293 mg	2.16
50 lb	17	351 mg	351 mg	2300 mg	293 mg	2.16
50 lb	18	1636 mg	16 mg	2300 mg	293 mg	2.16
50 lb	20	-6889 mg	-144 mg	2300 mg	293 mg	2.16
50 lb	102	-769 mg	-769 mg	2300 mg	293 mg	2.16
50 lb	3-12	516 mg	516 mg	2300 mg	293 mg	2.16
50 lb	W10	-1119 mg	-1119 mg	2300 mg	293 mg	2.16
50 lb	W12	-1814 mg	-139 mg	2300 mg	293 mg	2.16
50 lb	W17	-3249 mg	-119 mg	2300 mg	293 mg	2.16



Ron Peterson, Metrologist

12/29/2014

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Office: 118 West Capitol Avenue Phone: 605-773-3697
Pierre, SD 57501

Submitted by:	Webster Scale	Report Number:	MP3348
Mailing Address:	Box 127	Date Received:	12/22/14
City, State, Zip:	Webster, SD 57274	Date tested:	12/23/14-12/29/14
Artifacts Submitted	SD101204-1	Condition of Weights:	GOOD
Manufacturer:	Unk	Temperature (c):	21.2
Test Method Used:	SOP 8/ MODIFIED SUB	Humidity:	48.3
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	729.9

Treatment of artifacts prior to testing: Thermal equilibrium time/conditions were obtained by placing the artifacts in the lab overnight.
Compliance Statement: These weights and associated uncertainties were evaluated against NIST Handbook 105-1 NIST Class F tolerances and the weights were within tolerance at the time of calibration.

Standards Used: SD Lab 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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
10 lb	1	206 mg	206 mg	450 mg	55 mg	2.09
10 lb	2	211 mg	211 mg	450 mg	55 mg	2.09
5 lb	1	63 mg	63 mg	230 mg	28 mg	2.08
2 lb	1	23 mg	23 mg	91 mg	11 mg	2.09
2 lb	2	35 mg	35 mg	91 mg	11 mg	2.09
1 lb		4.2 mg	4.2 mg	70 mg	8.5 mg	2.07
8 oz		24.8 mg	24.8 mg	45 mg	5.5 mg	2.08
0.2 lb		9.2 mg	9.2 mg	18 mg	2.2 mg	2.09
0.2 lb		10.3 mg	10.3 mg	18 mg	2.2 mg	2.09
0.1 lb		4.3 mg	4.3 mg	9.1 mg	1.1 mg	2.09
0.05 lb		2.64 mg	2.64 mg	4.5 mg	0.55 mg	2.09
0.02 lb		0.83 mg	0.83 mg	1.8 mg	0.22 mg	2.09
0.02 lb		0.65 mg	0.65 mg	1.8 mg	0.22 mg	2.09
0.01 lb		0.95 mg	0.95 mg	1.5 mg	0.19 mg	2.09
0.005 lb		0.45 mg	0.45 mg	1.2 mg	0.16 mg	2.09
0.002 lb		0.71 mg	0.71 mg	0.87 mg	0.11 mg	2.10
0.002 lb		0.16 mg	0.16 mg	0.87 mg	0.11 mg	2.10
0.001 lb		0.37 mg	0.37 mg	0.70 mg	0.10 mg	2.09

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Pierre, SD 57501

Submitted by:	Webster Scale	Report Number:	MP3348
Mailing Address:	Box 127	Date Received:	12/22/14
City, State, Zip:	Webster, SD 57274	Date tested:	12/23/14-12/29/14
Artifacts Submitted	SD141230 Metric Kit	Condition of Weights:	GOOD
Manufacturer:	Rice Lake	Temperature (c):	20.9
Test Method Used:	SOP 8/ MODIFIED SUB	Humidity:	50.2%
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	729.9

Treatment of artifacts prior to testing: Thermal equilibrium time/conditions were obtained by placing the artifacts in the lab overnight.
 Compliance Statement: These weights and associated uncertainties were evaluated against NIST Handbook 105-1 NIST Class F tolerances and the weights were within tolerance at the time of calibration.
 Standards Used: SD 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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
500 g		28.5 mg	28.5 mg	70 mg	8.6 mg	2.09
200 g		9.0 mg	9.0 mg	40 mg	5.0 mg	2.10
200 g		11.4 mg	11.4 mg	40 mg	5.0 mg	2.10
100 g		2.1 mg	2.1 mg	20 mg	2.4 mg	2.09
50 g		0.6 mg	0.6 mg	10 mg	1.2 mg	2.09
20 g		1.52 mg	1.52 mg	4 mg	0.49 mg	2.09
20 g		1.86 mg	1.86 mg	4 mg	0.49 mg	2.09
10 g		0.74 mg	0.74 mg	2 mg	0.25 mg	2.08
5 g		0.16 mg	0.16 mg	1.5 mg	0.39 mg	2.09
2 g		0.88 mg	0.88 mg	1.1 mg	0.14 mg	2.09
2 g		0.70 mg	0.70 mg	1.1 mg	0.14 mg	2.09
1 g		0.27 mg	0.27 mg	0.9 mg	0.12 mg	2.09


 Ron Peterson, Metrologist

END OF REPORT

12/29/2014
 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 1 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



2014

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

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

Effective Dates: 2014-01-01 to 2014-12-31



Receipt Date: July 31, 2014
 Test Date: July 31, 2014
 Report Date: August 4, 2014

State Test No.: 332885
 Serial Number: 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: 82,000 lb Railroad Test Car
 Last Test Date: July 24, 2013
 Manufacturer: Composite
 Repairs Since Last Test: None
 Condition: Good
 Temperature: 22.5 °C
 Pressure: 737 mmHg
 Relative Humidity: 60%

Nominal Value (lb)	Value As Found (lb)	Value As Left (lb)	Uncertainty (lb)
82,000	81,995	82,000	3

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 Grain Inspection Packers & Stockyards Administration (GIPSA) equipment and personnel. Test documentation is available upon request. Results apply to items identified in this report only.

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

Mark Nicollet

Mark Nicollet
 Quality Manager

Reviewed by:
 Nils Fleming

Nils Fleming
 Technical Manager



Receipt Date:	November 13, 2014	State Test No.:	333394
Test Date:	November 13, 2014	Serial Number:	BNSF 979019
Report Date:	November 13, 2014	Barcode:	201159

Calibration Report

BNSF RAILROAD	Item(s) Submitted:	101,000 lb Railroad Test Car
4515 KANSAS AVENUE	Last Test Date:	October 31, 2013
KANSAS CITY, KS 66106-1124	Manufacturer:	Unknown
Contact: Ervin Marshall	Repairs Since Last Test:	None
Phone: 913-544-6852	Condition:	Good
PO Number: NONE	Temperature:	0.3 °C
SOP: 13	Pressure:	746 mmHg
Technician ID: 7	Relative Humidity:	46.1 %

Nominal Value (lb)	Value As Found (lb)	Value As Left (lb)	Uncertainty (lb)
101,000	99,961	100,005	5

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 Grain Inspection Packers & Stockyards Administration (GIPSA) equipment and personnel. Test documentation is available upon request. Results apply to items identified in this report only.

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

Mark Nicollet


 Quality Manager

Reviewed by:

Heidi Jones

Laboratory Administrator



Receipt Date: December 17, 2014
 Test Date: December 22, 2014
 Report Date: December 29, 2014

State Test No.: 333588
 Serial Number: BN 97902
 Barcode: 201132

Calibration Report

BNSF RAILROAD
 4515 KANSAS AVENUE
 KANSAS CITY, KS 66106-11124
 Contact: Ervin Marshall
 Phone: 913-544-6852
 PO Number: None
 SOP: 13
 Technician ID: 7

Item(s) Submitted: Rail Road Test Car
 Last Test Date: July 24, 2013
 Manufacturer: Maxson
 Repairs Since Last Test: Hydraulics work
 Condition: Good
 Temperature: 8.2 °C
 Pressure: 727 mmHg
 Relative Humidity: 34.3 %

Nominal Value (lb)	Value As Found (lb)	Value As Left (lb)	Uncertainty (lb)
100,000	99,995	100,000	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 Grain Inspection Packers & Stockyards Administration (GIPSA) equipment and personnel. Test documentation is available upon request. Results apply to items identified in this report only.

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

Mark Nicollet

Mark Nicollet
 Quality Manager

Reviewed by:

Kari Anderson

Kari Anderson
 Metrologist

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.



2014

Scope

Mass Echelon I

30 kg to 1 mg

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
8 oz to 0.03125 oz
Weight Carts
10 000 lb to 2000 lb
Wheel Load Weighers
20000 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, reading "Carol T. Hockert".

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

Effective Dates: 2014-01-01 to 2014-12-31