



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	Email Address	Application Date <u>1-25-17</u>	
<u>Scale Center Inc</u>	<u>acrisman@thescalecenter.com</u>		
Mailing Address	City	State	Zip Code
<u>2900 W Russell St</u>	<u>Sioux Falls</u>	<u>SD</u>	<u>57107</u>
Telephone Number	Cell Phone Number	Fax Number	
<u>605-332-8881</u>		<u>605-332-8886</u>	

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 type="checkbox"/> 1. Retail Fuel (less than 20 gal. per minute)
<input checked="" type="checkbox"/> 2. Truck	<input type="checkbox"/> 2. High Flow Retail Fuel (20 gal. per minute or greater)
<input checked="" type="checkbox"/> 3. Livestock	<input type="checkbox"/> 3. Vehicle Tank: Max. Flow Rate: _____
<input checked="" type="checkbox"/> 4. Hopper: Max. Capacity: <u>32,000 lbs</u>	<input type="checkbox"/> 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____
<input type="checkbox"/> 5. Belt	<input type="checkbox"/> 5. LPG
<input checked="" type="checkbox"/> 6. Over 30 lbs.: Max. Capacity: <u>30,000 lbs</u>	<input type="checkbox"/> 6. Stationary LPG
<input checked="" type="checkbox"/> 7. 30 lbs. or less	<input type="checkbox"/> 7. Fertilizer: Max. Flow Rate: _____
<input type="checkbox"/> 8. Class II (indicate on your calibration report which weight kit is Class II certified)	<input type="checkbox"/> 8. Chemical
<input type="checkbox"/> 9. Other: Please List:	<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)
e.g. 1001	e.g. John Doe	e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6
<u>testing 1-26-17</u>	<u>Tim Huber</u>	<u>Scales 1, 2, 3, 4, 6, 7</u>
<u>testing 1-26-17</u>	<u>Dan Huber</u>	<u>Scales 1, 2, 3, 4, 6, 7</u>

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 checked="" type="checkbox"/> Copy enclosed <input 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 Anna Crisman, 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.

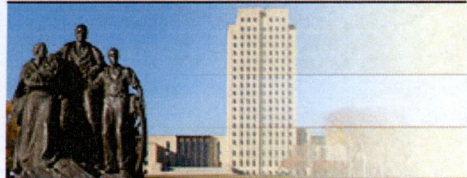


Signature

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

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SCALE CENTER, INC.

Corporation Details

System ID: 40930300**Phone:** (800) 456-1486**Type:** FOREIGN BUSINESS CORPORATION**Status:** Active & Good Standing**Original File Date:** 04/15/2016**Effective Date:** 04/15/2016**State of Origin:** South Dakota

Nature of Business

SCALE SALES, SERVICE & REPAIR

Principal Office

2900 W RUSSELL ST SIOUX FALLS, SD 57107-0706

Registered Agent

MONTGOMERY GOFF & BULLIS, P.C.

4650 38TH AVE S

PO BOX 9199

FARGO, ND 58106-9199

Established Date: Apr 15, 2016

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.

[2016](#) (generates a forms-fillable pdf in a new pop-up window)[Return to Search Results](#)[Contact Us](#)[Disclaimer](#)[Privacy Policy](#)

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SECRETARY OF STATE NORTH DAKOTA



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SCALE CENTER

Trade Name

System ID: 22204400 **Phone:** (800) 456-1486
Status: Active
Original File Date: 08/10/2006 **Last Renewal Date:** 08/10/2016

Nature of Business

SCALE PARTS AND PRODUCTS SALES. SCALE REPAIR, SERVICE AND INSTALLATION.

Owners

SCALE CENTER, INC.
2900 W RUSSELL ST
SIOUX FALLS, SD 57107-0706

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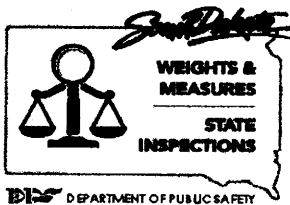
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South Dakota Department of Public Safety
Office of Weights and Measures
Metrology Lab
Lab: 1500 N Garfield - E. Truck Bypass Phone: 605-773-3170
Office: 118 West Capitol Avenue Phone: 605-773-3697
Pierre SD 57501

REPORT OF CALIBRATION

LAB TEST NUMBER: MP3423
DATE OF REPORT: 02/10/2016
DATE RECEIVED: 02/08/2016
DATE OF TEST: 02/09/2016

Submitted By: Scale Center (Truck 08)
Contact: Tim Huber
Mailing Address: 2900 West Russell
City, State, Zip: Sioux Falls, SD 57107
Phone: 605-838-7107
S/A Number: 1

Standards Submitted:

- 18 - 1000 lb weights
- 1 - 3000 lb weight cart
- 56 - 50 lb weights
- 5 - 25 lb weights
- 4 - weight kits

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:

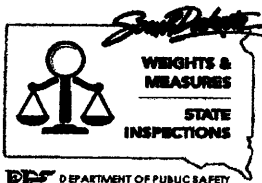
The Standards of the SD Metrology Laboratory used for comparison are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability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



02/10/16
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

Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Manufacturer:	Dunbar	Condition of Cart:	FAIR
Serial Number:	86610842	Temperature (c):	20.0
Test Method Used:	SOP 33 Calibrations of Weight Carts, Sep 2014	Humidity:	40.0%
Nominal (lb):	3000	Pressure (mm/Hg):	718.6
Tolerance (lb):	1.00		

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)
0.79	0.19	0.22

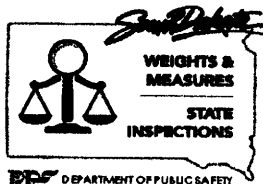
The weight cart was allowed to come to environmental equilibrium in the laboratory prior to calibration. The weight cart was adjusted, as needed and noted above, as close as possible to zero error. All fluid levels must be maintained as close to reference levels as possible during use. Any maintenance, 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

02/10/2016
 Date of Report



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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

Submitted by: Scale Center (Truck 08) **Report Number:** MP3423
Mailing Address: 2900 West Russell **Date Received:** 02/08/16
City, State, Zip: Sioux Falls, SD 57107 **Date tested:** 02/09/16
Artifacts Submitted: 18 - 1000 lb test weights **Condition of Weights:** GOOD
Temperature (c): 20.5
Test Method Used: SOP 8/ MODIFIED SUB, Sep 2014 **Humidity:** 47%
Equipment Used: Russell Balance/ Vaisala PTU301 **Pressure (mm/Hg):** 720.7

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.

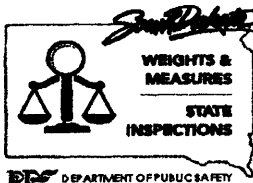
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in 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	2.10	-0.132 lb	-59.7 g	0.008 lb	3.7 g	45 g	6.8 g	2.03
1000 lb	1.09	0.015 lb	6.7 g			45 g	6.8 g	2.03
1000 lb	2.09	0.027 lb	12.1 g			45 g	6.8 g	2.03
1000 lb	3.09	0.020 lb	9.3 g			45 g	6.8 g	2.03
1000 lb	4.09	0.028 lb	12.7 g			45 g	6.8 g	2.03
1000 lb	5.09	0.058 lb	26.1 g			45 g	6.8 g	2.03
1000 lb	6.09	0.001 lb	0.5 g			45 g	6.8 g	2.03
1000 lb	7.09	0.014 lb	6.6 g			45 g	6.8 g	2.03
1000 lb	8.09	0.018 lb	8.0 g			45 g	6.8 g	2.03
1000 lb	9.09	0.007 lb	3.4 g			45 g	6.8 g	2.03
1000 lb	10.09	0.007 lb	3.2 g			45 g	6.8 g	2.03
1000 lb	11.09	0.076 lb	34.3 g			45 g	6.8 g	2.03
1000 lb	12.09	0.054 lb	24.4 g			45 g	6.8 g	2.03
1000 lb	13.09	0.058 lb	26.3 g			45 g	6.8 g	2.03
1000 lb	14.09	0.049 lb	22.3 g			45 g	6.8 g	2.03
1000 lb	15.09	0.050 lb	22.8 g			45 g	6.8 g	2.03
1000 lb	16.09	-0.010 lb	-4.7 g			45 g	6.8 g	2.03
1000 lb	17.09	0.052 lb	23.6 g			45 g	6.8 g	2.03


Ron Peterson, Metrologist

02/10/2016
Date of Report



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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

Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Artifacts Submitted	50 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.5%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	718.5

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

Standards Used: SD Lab Working Standards.

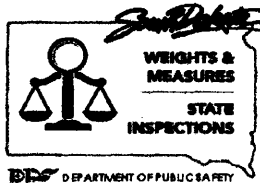
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A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	1.11	-179 mg		2300 mg	284 mg	2.04
50 lb	35	-179 mg		2300 mg	284 mg	2.04
50 lb	2PAO	-3494 mg	111 mg	2300 mg	284 mg	2.04
50 lb	AA	-2734 mg	116 mg	2300 mg	284 mg	2.04
50 lb	B	-184 mg		2300 mg	284 mg	2.04
50 lb	BB	-734 mg		2300 mg	284 mg	2.04
50 lb	C109	51 mg		2300 mg	284 mg	2.04
50 lb	CC	-1779 mg	-34 mg	2300 mg	284 mg	2.04
50 lb	D-C3	426 mg		2300 mg	284 mg	2.04
50 lb	DD	-5669 mg	-129 mg	2300 mg	284 mg	2.04
50 lb	EE	-8404 mg		2300 mg	284 mg	2.04
50 lb	FF	-759 mg	-54 mg	2300 mg	284 mg	2.04
50 lb	GG	-3829 mg	31 mg	2300 mg	284 mg	2.04
50 lb	HH	-4179 mg	1 mg	2300 mg	284 mg	2.04
50 lb	II	-279 mg		2300 mg	284 mg	2.04
50 lb	JJ	-3404 mg	156 mg	2300 mg	284 mg	2.04
50 lb	KA-05	776 mg		2300 mg	284 mg	2.04
50 lb	KK	-2774 mg	36 mg	2300 mg	284 mg	2.04
50 lb	LL	-6254 mg	56 mg	2300 mg	284 mg	2.04
50 lb	MM	161 mg		2300 mg	284 mg	2.04


Ron Peterson, Metrologist

02/10/2016
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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

Submitted by: Scale Center (Truck 08) **Report Number:** MP3423
Mailing Address: 2900 West Russell **Date Received:** 02/08/16
City, State, Zip: Sioux Falls, SD 57107 **Date tested:** 02/09/16
Artifacts Submitted: 50 lb test weights **Condition of Weights:** GOOD
Temperature (c): 21.1
Test Method Used: SOP 8/ MODIFIED SUB, Sep 2014 **Humidity:** 48.5%
Equipment Used: Mettler KA-30/ Vaisala PTU301 **Pressure (mm/Hg):** 718.5

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

Standards Used: SD Lab Working Standards.

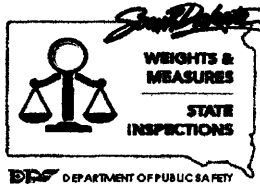
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A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	NN	-2894 mg	86 mg	2300 mg	284 mg	2.04
50 lb	PP	-1639 mg		2300 mg	284 mg	2.04
50 lb	QQ	-379 mg		2300 mg	284 mg	2.04
50 lb	RR	-1334 mg		2300 mg	284 mg	2.04
50 lb	SC	-1834 mg	136 mg	2300 mg	284 mg	2.04
50 lb	SC	-4344 mg	11 mg	2300 mg	284 mg	2.04
50 lb	SC-025	-1744 mg	11 mg	2300 mg	284 mg	2.04
50 lb	SC-026	1061 mg		2300 mg	284 mg	2.04
50 lb	SC-035	-279 mg		2300 mg	284 mg	2.04
50 lb	SC100	531 mg		2300 mg	284 mg	2.04
50 lb	SC101	-1124 mg		2300 mg	284 mg	2.04
50 lb	SC102	-2284 mg	486 mg	2300 mg	284 mg	2.04
50 lb	SC104	-2069 mg	26 mg	2300 mg	284 mg	2.04
50 lb	SC105	-1909 mg	-24 mg	2300 mg	284 mg	2.04
50 lb	SC106	-529 mg		2300 mg	284 mg	2.04
50 lb	SC107	-834 mg		2300 mg	284 mg	2.04
50 lb	SC108	-694 mg		2300 mg	284 mg	2.04
50 lb	SC108	-2569 mg	-59 mg	2300 mg	284 mg	2.04
50 lb	SC11	-3054 mg	-59 mg	2300 mg	284 mg	2.04
50 lb	SC-C21	-844 mg		2300 mg	284 mg	2.04


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02/10/2016
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Office: 118 West Capitol Avenue Phone: 605-773-3697
Pierre SD 57501

Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Artifacts Submitted	50 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.5%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	718.5

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

Standards Used: SD Lab Working Standards.

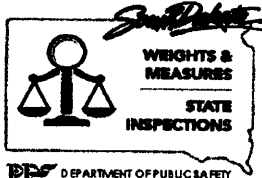
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A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	SC-C54	76 mg		2300 mg	284 mg	2.04
50 lb	SC-C55	-5004 mg	-19 mg	2300 mg	284 mg	2.04
50 lb	SCH-50-003	-1444 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-005	-609 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-018	-814 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-020	-524 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-13	-769 mg		2300 mg	284 mg	2.04
50 lb	TS-C1	-3704 mg	-24 mg	2300 mg	284 mg	2.04
50 lb	TS-C107	241 mg		2300 mg	284 mg	2.04
50 lb	TS-C11	391 mg		2300 mg	284 mg	2.04
50 lb	TS-C51	-849 mg		2300 mg	284 mg	2.04
50 lb	TS-C52	631 mg		2300 mg	284 mg	2.04
50 lb	TS-C53	376 mg		2300 mg	284 mg	2.04
50 lb	TS-C58	-569 mg		2300 mg	284 mg	2.04
50 lb	TS-C66	-6134 mg		2300 mg	284 mg	2.04
50 lb	TS-C93	11 mg		2300 mg	284 mg	2.04


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Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Artifacts Submitted	25 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.5%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	718.5

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

Standards Used: SD Lab Working Standards.

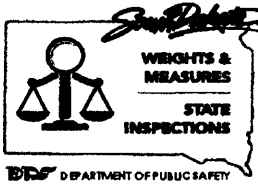
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A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
25 lb	AA	612 mg		1100 mg	138 mg	2.06
25 lb	BB	1012 mg	77 mg	1100 mg	138 mg	2.06
25 lb	CC	-468 mg		1100 mg	138 mg	2.06
25 lb	SC-25-1	582 mg		1100 mg	138 mg	2.06
25 lb	SC-25-3	-433 mg		1100 mg	138 mg	2.06


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Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Artifacts Submitted	Weight kit SN SC - 4 - 87	Condition of Weights:	FAIR
		Temperature (c):	20.9
Test Method Used:	SOP & MODIFIED SUB, Sep 2014	Humidity:	48.8
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.2

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
 Standards Used: SD Lab Working Standards.

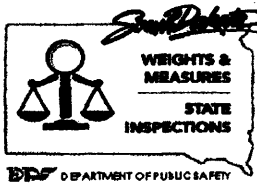
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A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
5 lb		38 mg		230 mg	28 mg	2.05
1 lb	1	-24 mg		70 mg	9 mg	2.05
1 lb	2	-22 mg		70 mg	9 mg	2.05
1 lb	3	8.6 mg		70 mg	8.5 mg	2.05
1 lb	4	-18.4 mg		70 mg	8.5 mg	2.05
1 lb	5	19.6 mg		70 mg	8.5 mg	2.05
4 oz	1	3.6 mg		23 mg	2.8 mg	2.06
4 oz	2	0.4 mg		23 mg	2.8 mg	2.06
4 oz	6	3.0 mg		23 mg	2.8 mg	2.06
1 oz		1.1 mg		5.4 mg	0.66 mg	2.05
1 oz	.	1.8 mg		5.4 mg	0.66 mg	2.05
1 oz	..	2.03 mg		5.4 mg	0.66 mg	2.05
1/2 oz		1.60 mg		2.8 mg	0.34 mg	2.05
1/2 oz	.	1.31 mg		2.8 mg	0.34 mg	2.05
1/4 oz		0.68 mg		1.7 mg	0.21 mg	2.05
1/4 oz	.	1.02 mg		1.7 mg	0.21 mg	2.05


 Ron Peterson, Metrologist

02/10/2016
 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

Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Artifacts Submitted:	Weight kit SN MAS-2A8C	Condition of Weights:	FAIR
		Temperature (c):	20.9
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.8
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.2

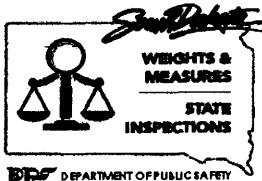
Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
Standards Used: SD Lab Working Standards.
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. 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	1	32 mg		450 mg	55 mg	2.06
10 lb	2	-74 mg		450 mg	55 mg	2.06
5 lb	1	70 mg		230 mg	28 mg	2.05
5 lb	2	-185.9 mg		230 mg	28 mg	2.05
5 lb	3	80.1 mg		230 mg	28 mg	2.05
5 lb	4	64.1 mg		230 mg	28 mg	2.05
5 lb	5	47.1 mg		230 mg	28 mg	2.05
1 lb	1	-4.4 mg		70 mg	8.5 mg	2.05
1 lb	2	3.6 mg		70 mg	8.5 mg	2.05
1 lb	3	17.6 mg		70 mg	8.5 mg	2.05
1 lb	4	-2.4 mg		70 mg	8.5 mg	2.05
1 lb	5	-21.40 mg		70 mg	8.5 mg	2.05
8 oz		26.10 mg		45 mg	5.5 mg	2.05
4 oz		5.32 mg		23 mg	2.8 mg	2.06
2 oz		3.95 mg		11 mg	1.3 mg	2.06
1 oz		1.27 mg		5.4 mg	0.66 mg	2.05
1 oz	Toledo	6.40 mg		5.4 mg	0.66 mg	2.05
1/2 oz		0.35 mg		2.8 mg	0.34 mg	2.05
1/4 oz		-0.18 mg		1.7 mg	0.21 mg	2.05
1/8 oz		0.07 mg		1.3 mg	0.17 mg	2.05
1/16 oz		0.24 mg		1.1 mg	0.14 mg	2.05
1/32 oz		0.33 mg		0.87 mg	0.13 mg	2.05
1/32 oz		0.15 mg		0.87 mg	0.13 mg	2.05

Note: 1 oz Toledo weight is out of tolerance.


Ron Peterson, Metrologist

02/10/2016
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

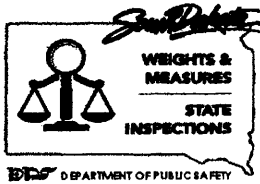
Submitted by: Scale Center (Truck 08) Report Number: MP3423
 Mailing Address: 2900 West Russell Date Received: 02/08/16
 City, State, Zip: Sioux Falls, SD 57107 Date tested: 02/09/16
 Artifacts Submitted: Weight kit SN 030512B Condition of Weights: GOOD
 Temperature (c): 21.1
 Test Method Used: SOP 8/ MODIFIED SUB, Sep 2014 Humidity: 47.2
 Equipment Used: Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301 Pressure (mm/Hg): 711.1

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
 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. 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
5 kg		65 mg		500 mg	61 mg	2.07
2 kg		85 mg		200 mg	24 mg	2.06
2 kg		81 mg		200 mg	24 mg	2.06
1 kg		31 mg		100 mg	12 mg	2.06
500 g		15.7 mg		70 mg	8.6 mg	2.06
200 g		16.7 mg		40 mg	5.0 mg	2.06
200 g		14.8 mg		40 mg	5.0 mg	2.06
100 g		7.0 mg		20 mg	2.4 mg	2.06
50 g		2.5 mg		10 mg	1.2 mg	2.06
20 g		1.84 mg		4 mg	0.49 mg	2.05
20 g		0.42 mg		4 mg	0.49 mg	2.05
10 g		0.56 mg		2 mg	0.25 mg	2.05
5 g		0.65 mg		1.5 mg	0.39 mg	2.06
2 g		0.43 mg		1.1 mg	0.14 mg	2.06
2 g		0.37 mg		1.1 mg	0.14 mg	2.06
1 g		0.16 mg		0.9 mg	0.12 mg	2.06
500 mg		0.173 mg		0.72 mg	0.094 mg	2.06
200 mg		0.256 mg		0.54 mg	0.079 mg	2.06
200 mg		0.206 mg		0.54 mg	0.079 mg	2.06
100 mg		0.195 mg		0.43 mg	0.075 mg	2.06
20 mg		0.085 mg		0.26 mg	0.092 mg	2.06
10 mg		0.085 mg		0.21 mg	0.067 mg	2.06


 Ron Peterson, Metrologist

02/10/2016
 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

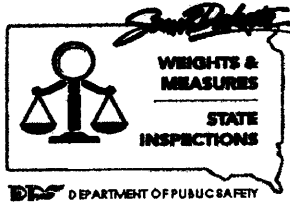
Submitted by:	Scale Center (Truck 08)	Report Number:	MP3423
Mailing Address:	2900 West Russell	Date Received:	02/08/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/09/16
Artifacts Submitted:	Weight kit SN 31609A	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	47.2
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.1

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
 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. 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
5 kg		177 mg		500 mg	61 mg	2.07
2 kg		75 mg		200 mg	24 mg	2.06
2 kg		54 mg		200 mg	24 mg	2.06
1 kg		21 mg		100 mg	12 mg	2.06
500 g		25.7 mg		70 mg	8.6 mg	2.06
200 g		10.5 mg		40 mg	5.0 mg	2.06
200 g		14.1 mg		40 mg	5.0 mg	2.06
100 g		8.4 mg		20 mg	2.4 mg	2.06
50 g		2.2 mg		10 mg	1.2 mg	2.06
20 g		1.72 mg		4 mg	0.49 mg	2.05
20 g		1.97 mg		4 mg	0.49 mg	2.05
10 g		0.73 mg		2 mg	0.25 mg	2.05
5 g		0.69 mg		1.5 mg	0.39 mg	2.06
2 g		0.45 mg		1.1 mg	0.14 mg	2.06
2 g		0.52 mg		1.1 mg	0.14 mg	2.06
1 g		0.42 mg		0.9 mg	0.12 mg	2.06
500 mg		0.353 mg		0.72 mg	0.094 mg	2.06
200 mg		0.226 mg		0.54 mg	0.079 mg	2.06
200 mg		0.166 mg		0.54 mg	0.079 mg	2.06
100 mg		0.185 mg		0.43 mg	0.075 mg	2.06
50 mg		0.174 mg		0.35 mg	0.060 mg	2.07
20 mg		0.115 mg		0.26 mg	0.092 mg	2.06
20 mg		0.105 mg		0.26 mg	0.092 mg	2.06
10 mg		0.095 mg		0.21 mg	0.067 mg	2.06


 Ron Peterson, Metrologist

02/10/2016
 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

REPORT OF CALIBRATION

LAB TEST NUMBER: MP3424
DATE OF REPORT: 02/14/2016
DATE RECEIVED: 02/10/2016
DATE OF TEST: 02/11/2016

Submitted By: Scale Center (2 nd Truck)
Contact: Tim Huber
Mailing Address: 2900 West Russell
City, State, Zip: Sioux Falls, SD 57107
Phone: 605-838-7107
S/A Number: 1

Standards Submitted:

18 - 1000 lb weights
1 - 3000 lb weight cart
30 - 50 lb weights
6 - weight kits

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.

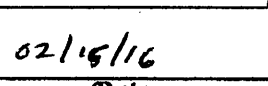
Traceability statement:

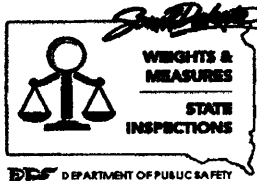
The Standards of the SD Metrology Laboratory used for comparison are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability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

Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Manufacturer:	Dunbar	Condition of Cart:	FAIR
Serial Number:	029-1353082986	Temperature (c):	20.0
Test Method Used:	SOP 33 Calibrations of Weight Carts, Sep 2014	Humidity:	40.0%
Nominal (lb):	3000	Pressure (mm/Hg):	715.9
Tolerance (lb):	1.00		

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)
-1.01	0.11	0.22

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.

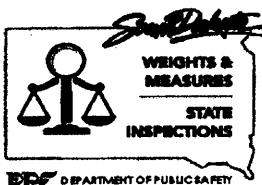
The above weight cart was compared with standards of the State of South Dakota, which are traceable the National Institute of Standards and Technology(NIST) Weights and Measures Division. The assigned test number provides documented evidence for measurement traceability.



 Ron Peterson, Metrologist

02/14/2016

 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

Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	18 - 1000 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	20
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	40%
Equipment Used:	Russell Balance/ Vaisala PTU301	Pressure (mm/Hg):	711

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.

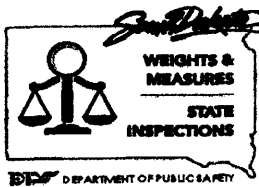
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in 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	2	-0.022 lb -10.1 g		45 g	6.8 g	2.03
1000 lb	3	-0.029 lb -13.3 g		45 g	6.8 g	2.03
1000 lb	4	-0.033 lb -15.1 g		45 g	6.8 g	2.03
1000 lb	5	-0.035 lb -15.7 g		45 g	6.8 g	2.03
1000 lb	6	0.000 lb 0.2 g		45 g	6.8 g	2.03
1000 lb	8	-0.038 lb -17.3 g		45 g	6.8 g	2.03
1000 lb	9	-0.003 lb -1.5 g		45 g	6.8 g	2.03
1000 lb	10	0.001 lb 0.3 g		45 g	6.8 g	2.03
1000 lb	11	-0.013 lb -5.9 g		45 g	6.8 g	2.03
1000 lb	13	-0.039 lb -17.9 g		45 g	6.8 g	2.03
1000 lb	14	-0.018 lb -8.1 g		45 g	6.8 g	2.03
1000 lb	15	-0.040 lb -18.3 g		45 g	6.8 g	2.03
1000 lb	17	0.011 lb 5.1 g		45 g	6.8 g	2.03
1000 lb	18	-0.006 lb -2.5 g		45 g	6.8 g	2.03
1000 lb	A	0.071 lb 32.0 g		45 g	6.8 g	2.03
1000 lb	B	0.083 lb 37.6 g	0.003 lb 1.5 g	45 g	6.8 g	2.03
1000 lb	C	-0.005 lb -2.3 g		45 g	6.8 g	2.03
1000 lb	TS-A12	-0.056 lb -25.2 g	0.001 lb 0.6 g	45 g	6.8 g	2.03


Ron Peterson, Metrologist

02/14/2016
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

Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	50 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.5%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	716.0

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

Standards Used: SD Lab Working Standards.

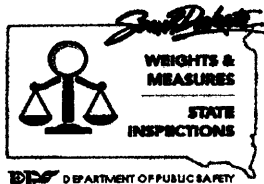
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in 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	MA-10	116 mg		2300 mg	284 mg	2.04
50 lb	SC-46	6 mg		2300 mg	284 mg	2.04
50 lb	SC-C05	-149 mg		2300 mg	284 mg	2.04
50 lb	SC-C14	371 mg		2300 mg	284 mg	2.04
50 lb	SC-C166	481 mg		2300 mg	284 mg	2.04
50 lb	SC-C19	46 mg		2300 mg	284 mg	2.04
50 lb	SC-C27	-374 mg		2300 mg	284 mg	2.04
50 lb	SC-C29	-599 mg		2300 mg	284 mg	2.04
50 lb	SC-C4	141 mg		2300 mg	284 mg	2.04
50 lb	SC-C52	276 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-002	196 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-004	-1879 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-007	-59 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-011	-1434 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-012	-1979 mg	-224 mg	2300 mg	284 mg	2.04
50 lb	SCH-50-014	-449 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-015	-1429 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-017	466 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-018	-1494 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-019	-1089 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-08	-104 mg		2300 mg	284 mg	2.04


Ron Peterson, Metrologist

02/14/2016
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

Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	50 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.5%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	716.0

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

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. 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.

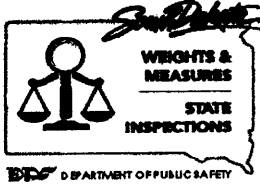
Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	TS-57	-849 mg		2300 mg	284 mg	2.04
50 lb	TS-C04	-1084 mg		2300 mg	284 mg	2.04
50 lb	TS-C09	-1509 mg		2300 mg	284 mg	2.04
50 lb	TS-C46	-209 mg		2300 mg	284 mg	2.04
50 lb	TS-C47	326 mg		2300 mg	284 mg	2.04
50 lb	TS-C54	-1134 mg		2300 mg	284 mg	2.04
50 lb	TS-C55	221 mg		2300 mg	284 mg	2.04
50 lb	TS-C67	-1629 mg	76 mg	2300 mg	284 mg	2.04
50 lb	TS-C92	-504 mg		2300 mg	284 mg	2.04


Ron Peterson, Metrologist

02/14/2016
Date of Report

Office of Weights and Measures
118 W. Capitol Ave.
Pierre, SD 57501

Phone:605-773-3697
Fax:605-773-6631
www.dps.sd.gov



**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

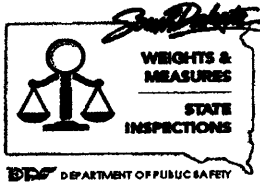
Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	Weight kit SN 041304	Condition of Weights:	FAIR
		Temperature (c):	20.9
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.8
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.2

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
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. 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
5 lb	1	-90 mg		230 mg	28 mg	2.05
5 lb	2	-125 mg		230 mg	28 mg	2.05
5 lb	1	31 mg		230 mg	28 mg	2.05
5 lb	2	-71.9 mg		230 mg	27.8 mg	2.05
5 lb	3	-19.9 mg		230 mg	27.8 mg	2.05
1 lb	4	41.6 mg		70 mg	8.5 mg	2.05
1 lb	5	-47.4 mg		70 mg	8.5 mg	2.05
1 lb	1	8.6 mg		70 mg	8.5 mg	2.05
1 lb	2	-52.4 mg		70 mg	8.5 mg	2.05
1 lb	3	-15.4 mg		70 mg	8.54 mg	2.05
0.1 lb	4	1.4 mg		9.1 mg	1.11 mg	2.08
0.05 lb	64	0.38 mg		4.5 mg	0.55 mg	2.08
0.05 lb		-0.19 mg		4.5 mg	0.55 mg	2.08
0.02 lb	.	0.49 mg		1.8 mg	0.22 mg	2.08
0.01 lb	..	0.63 mg		1.5 mg	0.19 mg	2.08
0.005 lb	.	-0.02 mg		1.2 mg	0.18 mg	2.08
8 oz		1.00 mg		45 mg	5.53 mg	2.05
4 oz		7.06 mg		23 mg	2.80 mg	2.06
2 oz		-1.15 mg		11 mg	1.34 mg	2.08
1 oz		0.27 mg		5.4 mg	0.66 mg	2.05
1 oz		2.72 mg		5.4 mg	0.66 mg	2.05
1/2 oz		0.29 mg		2.8 mg	0.34 mg	2.05
1/4 oz		0.13 mg		1.7 mg	0.21 mg	2.05
1/8 oz		0.33 mg		1.3 mg	0.17 mg	2.05
1/16 oz		0.05 mg		1.1 mg	0.14 mg	2.05


Ron Peterson, Metrologist

02/14/2016
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

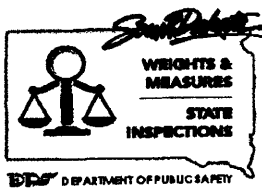
Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	Weight kit SN 031012A	Condition of Weights:	FAIR
		Temperature (c):	20.9
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	48.8
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.2

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
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. 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
5 lb	1	105 mg		230 mg	28 mg	2.05
5 lb	2	82 mg		230 mg	28 mg	2.05
5 lb	3	65 mg		230 mg	28 mg	2.05
5 lb	4	79.1 mg		230 mg	28 mg	2.05
5 lb	5	46.1 mg		230 mg	28 mg	2.05
1 lb	1	22.8 mg		70 mg	9 mg	2.05
1 lb	2	23.6 mg		70 mg	9 mg	2.05
1 lb	3	14.8 mg		70 mg	8.5 mg	2.05
1 lb	4	22.8 mg		70 mg	8.5 mg	2.05
1 lb	5	30.6 mg		70 mg	8.5 mg	2.05
0.5 lb	4	11.1 mg		45 mg	5.5 mg	2.05
0.2 lb	5	8.35 mg		18 mg	2.2 mg	2.06
0.2 lb	.	6.93 mg		18 mg	2.2 mg	2.06
0.1 lb		4.81 mg		9.1 mg	1.1 mg	2.06
0.05 lb		1.90 mg		4.5 mg	0.6 mg	2.06
0.02 lb		0.53 mg		1.8 mg	0.22 mg	2.06
0.02 lb	.	0.21 mg		1.8 mg	0.22 mg	2.06
0.01 lb		0.29 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		0.59 mg		0.87 mg	0.11 mg	2.06
0.002 lb	.	0.44 mg		0.87 mg	0.11 mg	2.06
0.001 lb		0.35 mg		0.7 mg	0.10 mg	2.06


Ron Peterson, Metrologist

02/14/2016
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

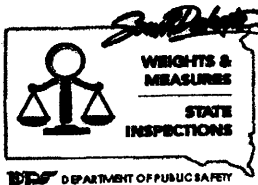
Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted:	Weight kit SN 031012B	Condition of Weights:	FAIR
		Temperature (c):	20.9
Test Method Used:	SOP 8/ MODIFIED SUB. Sep 2014	Humidity:	48.8
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.2

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
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. 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
5 lb	1	62 mg		230 mg	28 mg	2.05
5 lb	2	45 mg		230 mg	28 mg	2.05
5 lb	3	36 mg		230 mg	28 mg	2.05
5 lb	4	64.1 mg		230 mg	28 mg	2.05
5 lb	5	41.1 mg		230 mg	28 mg	2.05
1 lb	1	23.6 mg		70 mg	9 mg	2.05
1 lb	2	10.6 mg		70 mg	9 mg	2.05
1 lb	3	17.6 mg		70 mg	8.5 mg	2.05
1 lb	4	22.6 mg		70 mg	8.5 mg	2.05
1 lb	5	11.6 mg		70 mg	8.5 mg	2.05
0.5 lb	4	6.1 mg		45 mg	5.5 mg	2.05
0.2 lb	5	7.21 mg		18 mg	2.2 mg	2.06
0.2 lb	.	2.79 mg		18 mg	2.2 mg	2.06
0.1 lb		4.04 mg		9.1 mg	1.1 mg	2.06
0.05 lb		0.53 mg		4.5 mg	0.6 mg	2.06
0.02 lb		0.50 mg		1.8 mg	0.22 mg	2.06
0.02 lb	.	0.75 mg		1.8 mg	0.22 mg	2.06
0.01 lb		0.44 mg		1.5 mg	0.19 mg	2.06
0.005 lb		0.90 mg		1.2 mg	0.18 mg	2.06
0.002 lb		0.57 mg		0.87 mg	0.11 mg	2.06
0.002 lb	.	0.51 mg		0.87 mg	0.11 mg	2.06
0.001 lb		0.40 mg		0.7 mg	0.10 mg	2.06


Ron Peterson, Metrologist

02/14/2016
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

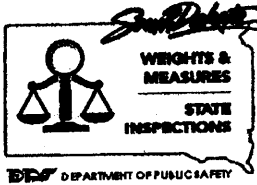
Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	Weight kit SN 030512A	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	47.2
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.1

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
 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. 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
5 kg		55 mg		500 mg	61 mg	2.07
2 kg		77 mg		200 mg	24 mg	2.06
2 kg		95 mg		200 mg	24 mg	2.06
1 kg		32 mg		100 mg	12 mg	2.06
500 g		14.7 mg		70 mg	8.8 mg	2.06
200 g		12.7 mg		40 mg	5.0 mg	2.06
200 g		8.9 mg		40 mg	5.0 mg	2.06
100 g		8.1 mg		20 mg	2.4 mg	2.06
50 g		1.2 mg		10 mg	1.2 mg	2.06
20 g		1.57 mg		4 mg	0.49 mg	2.05
20 g		1.44 mg		4 mg	0.49 mg	2.05
10 g		0.78 mg		2 mg	0.25 mg	2.05
5 g		0.81 mg		1.5 mg	0.39 mg	2.06
2 g		0.10 mg		1.1 mg	0.14 mg	2.06
2 g		0.19 mg		1.1 mg	0.14 mg	2.06
1 g		0.22 mg		0.9 mg	0.12 mg	2.06
500 mg		0.313 mg		0.72 mg	0.094 mg	2.06
200 mg		0.246 mg		0.54 mg	0.079 mg	2.06
200 mg		0.266 mg		0.54 mg	0.079 mg	2.06
100 mg		0.085 mg		0.43 mg	0.075 mg	2.06
50 mg		0.014 mg		0.35 mg	0.060 mg	2.07
20 mg		0.065 mg		0.26 mg	0.092 mg	2.06
20 mg		0.125 mg		0.26 mg	0.092 mg	2.06
10 mg		0.085 mg		0.21 mg	0.067 mg	2.06


 Ron Peterson, Metrologist

02/14/2016
 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

Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	Weight kit SN SC-2006-1	Condition of Weights:	GOOD
		Temperature (c):	21.1
		Humidity:	47.2
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Pressure (mm/Hg):	711.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301		

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

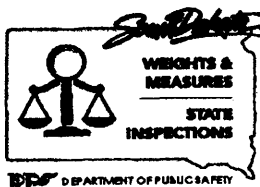
Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
5 kg		199 mg		500 mg	61 mg	2.07
2 kg		46 mg		200 mg	24 mg	2.06
2 kg		44 mg		200 mg	24 mg	2.06
1 kg		18 mg		100 mg	12 mg	2.06
500 g		23.7 mg		70 mg	8.6 mg	2.06
200 g		14.6 mg		40 mg	5.0 mg	2.06
200 g		18.3 mg		40 mg	5.0 mg	2.06
100 g		7.7 mg		20 mg	2.4 mg	2.06
50 g		4.2 mg		10 mg	1.2 mg	2.06
20 g		1.73 mg		4 mg	0.49 mg	2.05
20 g		1.58 mg		4 mg	0.49 mg	2.05
10 g		0.40 mg		2 mg	0.25 mg	2.05
5 g		0.61 mg		1.5 mg	0.39 mg	2.06
2 g		0.30 mg		1.1 mg	0.14 mg	2.06
2 g		0.41 mg		1.1 mg	0.14 mg	2.06
1 g		0.10 mg		0.9 mg	0.12 mg	2.06
500 mg		0.273 mg		0.72 mg	0.094 mg	2.06
200 mg		0.226 mg		0.54 mg	0.079 mg	2.06
200 mg		0.246 mg		0.54 mg	0.079 mg	2.06
100 mg		0.195 mg		0.43 mg	0.075 mg	2.06
50 mg		0.164 mg		0.35 mg	0.060 mg	2.07
20 mg		0.105 mg		0.26 mg	0.092 mg	2.06
20 mg		0.045 mg		0.26 mg	0.092 mg	2.06
10 mg		0.055 mg		0.21 mg	0.067 mg	2.06


Ron Peterson, Metrologist

02/14/2016
Date of Report

Office of Weights and Measures
118 W. Capitol Ave.
Pierre, SD 57501

Phone: 605-773-3697
Fax: 605-773-6631
www.dps.sd.gov



**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

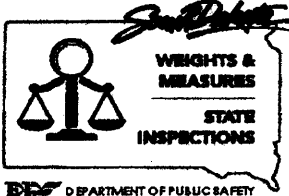
Submitted by:	Scale Center (2 nd Truck)	Report Number:	MP3424
Mailing Address:	2900 West Russell	Date Received:	02/10/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/11/16
Artifacts Submitted	Weight kit SN SC-2000	Condition of Weights:	GOOD
		Temperature (c):	21.1
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	47.2
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	711.1

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
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. 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
5 kg		159 mg		500 mg	61 mg	2.07
1 kg		39 mg		100 mg	12 mg	2.06
1 kg	kilo	-6 mg		100 mg	12 mg	2.06
500 g		25 mg		70 mg	9 mg	2.06
200 g		14.0 mg		40 mg	5.0 mg	2.06
200 g		16.6 mg		40 mg	5.0 mg	2.06
100 g		4.9 mg		20 mg	2.4 mg	2.06
50 g		4.3 mg		10 mg	1.2 mg	2.06
20 g		1.4 mg		4 mg	0.5 mg	2.05
20 g		2.06 mg		4 mg	0.49 mg	2.05
10 g		0.82 mg		2 mg	0.25 mg	2.05
5 g		0.46 mg		1.5 mg	0.39 mg	2.06
2 g		0.82 mg		1.1 mg	0.14 mg	2.06
2 g		0.16 mg		1.1 mg	0.14 mg	2.06
1 g		0.39 mg		0.9 mg	0.12 mg	2.06
200 mg		0.13 mg		0.54 mg	0.08 mg	2.06
200 mg		0.256 mg		0.54 mg	0.079 mg	2.06
100 mg		0.275 mg		0.43 mg	0.075 mg	2.06
50 mg		0.064 mg		0.35 mg	0.060 mg	2.07
20 mg		-0.005 mg		0.26 mg	0.092 mg	2.06
10 mg		0.125 mg		0.21 mg	0.067 mg	2.06


Ron Peterson, Metrologist

02/14/2016
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

REPORT OF CALIBRATION

LAB TEST NUMBER: MP3425
DATE OF REPORT: 02/17/2016
DATE RECEIVED: 02/16/2016
DATE OF TEST: 02/16/2016

Submitted By: Scale Center (Sterling)
Contact: Tim Huber
Mailing Address: 2900 West Russell
City, State, Zip: Sioux Falls, SD 57107
Phone: 605-838-7107
S/A Number: 1

Standards Submitted:

- 17 - 1000 lb weights
- 1 - 3500 lb weight cart
- 50 - 50 lb weights
- 2 - weight kits
- 3 - 25 lb weights

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.

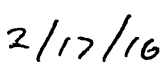
Traceability statement:

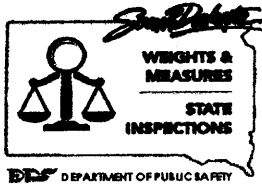
The Standards of the SD Metrology Laboratory used for comparison are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability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

Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2900 West Russell	Date Received:	02/15/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/16/16
Manufacturer:	B-Tek Inc	Condition of Cart:	FAIR
Serial Number:	10.202.139	Temperature (c):	20.0
Test Method Used:	SOP 33 Calibrations of Weight Carts, Sep 2014	Humidity:	40.0%
Nominal (lb):	3500	Pressure (mm/Hg):	711.9
Tolerance (lb):	1.00		

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)
0.04	0.04	0.20

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.

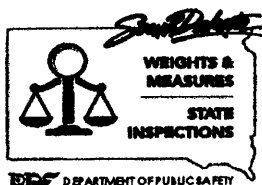
The above weight cart was compared with standards of the State of South Dakota, which are traceable the National Institute of Standards and Technology(NIST) Weights and Measures Division. The assigned test number provides documented evidence for measurement traceability.



 Ron Peterson, Metrologist

02/17/2016

 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

Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2900 West Russell	Date Received:	02/15/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/16/16
Artifacts Submitted	17 - 1000 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.3
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	49%
Equipment Used:	Russell Balance/ Valsala PTU301	Pressure (mm/Hg):	713.9

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.

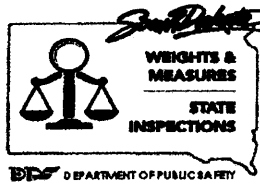
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in 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	18.09	-0.028 lb -12.8 g		45 g	6.8 g	2.03
1000 lb	19.09	-0.014 lb -6.6 g		45 g	6.8 g	2.03
1000 lb	20.09	0.010 lb 4.7 g		45 g	6.8 g	2.03
1000 lb	21.09	-0.017 lb -7.8 g		45 g	6.8 g	2.03
1000 lb	22.09	-0.026 lb -11.7 g		45 g	6.8 g	2.03
1000 lb	23.09	0.025 lb 11.5 g		45 g	6.8 g	2.03
1000 lb	24.09	-0.036 lb -16.2 g		45 g	6.8 g	2.03
1000 lb	25.09	0.013 lb 6.1 g		45 g	6.8 g	2.03
1000 lb	26.09	0.034 lb 15.6 g		45 g	6.8 g	2.03
1000 lb	27.09	0.015 lb 6.6 g		45 g	6.8 g	2.03
1000 lb	28.09	-0.005 lb -2.4 g		45 g	6.8 g	2.03
1000 lb	29.09	0.006 lb 2.5 g		45 g	6.8 g	2.03
1000 lb	30.09	-0.048 lb -22.0 g		45 g	6.8 g	2.03
1000 lb	31.09	-0.046 lb -20.7 g		45 g	6.8 g	2.03
1000 lb	32.09	-0.009 lb -4.1 g		45 g	6.8 g	2.03
1000 lb	33.09	0.014 lb 6.5 g		45 g	6.8 g	2.03
1000 lb	34.09	0.028 lb 12.9 g		45 g	6.8 g	2.03


 Ron Peterson, Metrologist

02/17/2016
 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

Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2900 West Russell	Date Received:	02/15/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/18/16
Artifacts Submitted	50 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.4
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	51.2%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	713.5

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

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. 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	SC-50-01	308 mg		2300 mg	284 mg	2.04
50 lb	SC-50-02	1001 mg		2300 mg	284 mg	2.04
50 lb	SC-50-03	831 mg		2300 mg	284 mg	2.04
50 lb	SC-50-04	1768 mg	-9 mg	2300 mg	284 mg	2.04
50 lb	SC-50-05	106 mg		2300 mg	284 mg	2.04
50 lb	SC-50-06	776 mg		2300 mg	284 mg	2.04
50 lb	SC-50-07	541 mg		2300 mg	284 mg	2.04
50 lb	SC-50-08	1566 mg	-19 mg	2300 mg	284 mg	2.04
50 lb	SC-50-09	1261 mg		2300 mg	284 mg	2.04
50 lb	SC-50-10	1056 mg		2300 mg	284 mg	2.04
50 lb	SC-50-11	848 mg		2300 mg	284 mg	2.04
50 lb	SC-50-12	631 mg		2300 mg	284 mg	2.04
50 lb	SC-50-14	1348 mg		2300 mg	284 mg	2.04
50 lb	SC-50-15	1011 mg		2300 mg	284 mg	2.04
50 lb	SC-50-16	-79 mg		2300 mg	284 mg	2.04
50 lb	SC-50-17	796 mg		2300 mg	284 mg	2.04
50 lb	SC-50-18	-109 mg		2300 mg	284 mg	2.04
50 lb	SC-50-19	141 mg		2300 mg	284 mg	2.04
50 lb	SC-50-20	21 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-006	-939 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-010	-24 mg		2300 mg	284 mg	2.04
50 lb	SCH-50-016	-614 mg		2300 mg	284 mg	2.04
50 lb	SC-C4	-1099 mg		2300 mg	284 mg	2.04
50 lb	SC-C56	956 mg		2300 mg	284 mg	2.04
50 lb	SC-CA	-1474 mg		2300 mg	284 mg	2.04


Ron Peterson, Metrologist

02/17/2016
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

Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2800 West Russell	Date Received:	02/15/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/16/16
Artifacts Submitted	50 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.4
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	51.2%
Equipment Used:	Mettler KA-30/ Valsala PTU301	Pressure (mm/Hg):	713.5

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

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. These weights were not screened for magnetism and effects of magnetism is not included in the uncertainties.

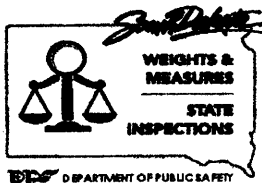
A weight with an "As Found" and "As Left" correction was adjusted.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	115	626 mg	181 mg	2300 mg	284 mg	2.04
50 lb	B	-529 mg		2300 mg	284 mg	2.04
50 lb	BA-C1	666 mg		2300 mg	284 mg	2.04
50 lb	C	-299 mg		2300 mg	284 mg	2.04
50 lb	C51	561 mg		2300 mg	284 mg	2.04
50 lb	D	-1054 mg		2300 mg	284 mg	2.04
50 lb	E	-774 mg		2300 mg	284 mg	2.04
50 lb	F	-179 mg		2300 mg	284 mg	2.04
50 lb	G	-899 mg		2300 mg	284 mg	2.04
50 lb	H	-834 mg		2300 mg	284 mg	2.04
50 lb	I	-939 mg		2300 mg	284 mg	2.04
50 lb	J	-1134 mg		2300 mg	284 mg	2.04
50 lb	K	-1934 mg	11 mg	2300 mg	284 mg	2.04
50 lb	L	-964 mg		2300 mg	284 mg	2.04
50 lb	M	-1879 mg	128 mg	2300 mg	284 mg	2.04
50 lb	N	-1509 mg		2300 mg	284 mg	2.04
50 lb	O	-854 mg		2300 mg	284 mg	2.04
50 lb	P	-1339 mg		2300 mg	284 mg	2.04
50 lb	Q	-764 mg		2300 mg	284 mg	2.04
50 lb	R	-219 mg		2300 mg	284 mg	2.04
50 lb	S	-114 mg		2300 mg	284 mg	2.04
50 lb	SC-18	-224 mg		2300 mg	284 mg	2.04
50 lb	SC-48	1281 mg		2300 mg	284 mg	2.04
50 lb	TS-C56	466 mg		2300 mg	284 mg	2.04
50 lb	TS-C56	-294 mg		2300 mg	284 mg	2.04


Ron Peterson, Metrologist

02/17/2016

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

Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2900 West Russell	Date Received:	02/15/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/16/16
Artifacts Submitted	25 lb test weights	Condition of Weights:	GOOD
		Temperature (c):	21.4
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	51.2%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	713.5

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

Standards Used: SD Lab Working Standards.

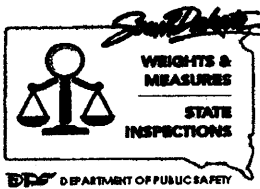
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory. These weights were not screened for magnetism and effects of magnetism is not included in 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
25 lb	GE-1A	467 mg		1100 mg	138 mg	2.06
25 lb	SC-25-1	532 mg		1100 mg	138 mg	2.06
25 lb	TS-D8	-73 mg		1100 mg	138 mg	2.06


Ron Peterson, Metrologist

02/17/2016
Date of Report



South Dakota Department of Public Safety
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Metrology Lab
 Lab: 1500 N Garfield - E. Truck Bypass Phone: 605-773-3170
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 Pierre SD 57501

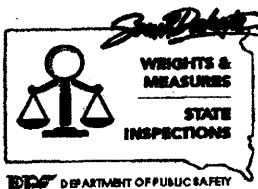
Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2900 West Russell	Date Received:	02/16/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/16/16
Artifacts Submitted	Weight kit SN SC - 001	Condition of Weights:	FAIR
		Temperature (c):	21.6
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	52
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	713.4

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
 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. 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
2 lb	1	-3 mg		91 mg	11 mg	2.06
2 lb	2	26 mg		91 mg	11 mg	2.06
2 lb	3	7 mg		91 mg	11 mg	2.06
2 lb	4	-4 mg		91 mg	11 mg	2.06
2 lb	5	11 mg		91 mg	11 mg	2.06
2 lb	6	22 mg		91 mg	11 mg	2.06
2 lb	7	5 mg		91 mg	11 mg	2.06
2 lb	8	-4 mg		91 mg	11 mg	2.06
2 lb	9	-2 mg		91 mg	11 mg	2.06
2 lb	10	-22 mg		91 mg	11 mg	2.06
2 lb	11	6 mg		91 mg	11 mg	2.06
2 lb	12	6 mg		91 mg	11 mg	2.06
2 lb	13	13 mg		91 mg	11 mg	2.06
2 lb	14	3 mg		91 mg	11 mg	2.06
1 lb	1	-2.4 mg		70 mg	8.5 mg	2.05
1 lb	2	-8.4 mg		70 mg	8.5 mg	2.05
8 oz		8.1 mg		45 mg	5.5 mg	2.05
4 oz		-2.2 mg		23 mg	2.8 mg	2.06
2 oz		7.1 mg		11 mg	1.3 mg	2.06
1 oz		1.18 mg		5.4 mg	0.68 mg	2.05
1/2 oz		-0.06 mg		2.8 mg	0.34 mg	2.05
1/4 oz		0.03 mg		1.7 mg	0.21 mg	2.05


 Ron Peterson, Metrologist

02/17/2016
 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

Submitted by:	Scale Center (Sterling)	Report Number:	MP3425
Mailing Address:	2900 West Russell	Date Received:	02/15/16
City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/16/16
Artifacts Submitted	Weight kit SN SC-2006-2	Condition of Weights:	GOOD
		Temperature (c):	21.6
Test Method Used:	SOP 8/ MODIFIED SUB, Sep 2014	Humidity:	52
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	713.4

Treatment of artifacts prior to testing: Thermal equilibrium was obtained by placing the artifacts in the lab overnight.
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. 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
5 kg		162 mg		500 mg	61 mg	2.07
2 kg		50 mg		200 mg	24 mg	2.06
2 kg		55 mg		200 mg	24 mg	2.06
1 kg		22 mg		100 mg	12 mg	2.06
500 g		18.7 mg		70 mg	8.6 mg	2.06
200 g		18.4 mg		40 mg	5.0 mg	2.06
200 g		19.3 mg		40 mg	5.0 mg	2.06
100 g		6.0 mg		20 mg	2.4 mg	2.06
50 g		4.0 mg		10 mg	1.2 mg	2.06
20 g		1.79 mg		4 mg	0.49 mg	2.05
20 g		1.59 mg		4 mg	0.49 mg	2.05
10 g		1.19 mg		2 mg	0.25 mg	2.05
5 g		0.65 mg		1.5 mg	0.39 mg	2.06
2 g		0.59 mg		1.1 mg	0.14 mg	2.06
2 g		0.25 mg		1.1 mg	0.14 mg	2.06
1 g		0.38 mg		0.9 mg	0.12 mg	2.06
500 mg		0.323 mg		0.72 mg	0.094 mg	2.06
200 mg		0.266 mg		0.54 mg	0.079 mg	2.06
200 mg		0.226 mg		0.54 mg	0.079 mg	2.06
100 mg		0.155 mg		0.43 mg	0.075 mg	2.06
50 mg		0.014 mg		0.35 mg	0.060 mg	2.07
20 mg		0.045 mg		0.26 mg	0.092 mg	2.06
20 mg		0.085 mg		0.26 mg	0.092 mg	2.06
10 mg		0.085 mg		0.21 mg	0.067 mg	2.06

End of Report


Ron Peterson, Metrologist

02/17/2016
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 Echeleon III
 - 30 kg to 100 mg
 - 1000 lb to 0.001 lb
 - 8 oz to 0.03125 oz
- Weight Carts
 - 4000 lb to 2000 lb
- Volume Transfer, II
 - 5 gal



2016

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

Effective Dates: 2016-01-01 to 2016-12-31