APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY

Public Service Commission
SFN 51277 (2/2014)

RECEIVED
JAN 22 2015
ND Public Service Commission

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

Name of Company	Email Address	Application Date	
Capital Scale Co.	capscale@midco.network.com		
Mailing Address	**City**	**State**	**Zip Code**
P.O. Box 2021	Bismarck	ND	58502
Telephone Number	**Cell Phone Number**	**Fax Number**	
701-255-1556		701-255-3512	

Select below all device types your company will certify:

Scales (include maximum capacity, if applicable)	**Liquid** (include maximum flow rate, if applicable)
☒ 1. Rail	☐ 1. Retail Fuel (less than 20 gal. per minute)
☒ 2. Truck	☐ 2. High Flow Retail Fuel (20 gal. per minute or greater)
☒ 3. Livestock	☐ 3. Vehicle Tank: Max. Flow Rate: _____
☒ 4. Hopper: Max. Capacity: N/A	☐ 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____
☐ 5. Belt	☐ 5. LPG
☒ 6. Over 30 lbs.: Max. Capacity: N/A	☐ 6. Stationary LPG
☒ 7. 30 lbs. or less	☐ 7. Fertilizer: Max. Flow Rate: _____
☐ 8. Class II **(indicate on your calibration report which weight kit is Class II certified)**	☐ 8. Chemical
☐ 9. Other: Please List:	☐ 9. Anhydrous
	☐ 10. Loading Rack
	☐ 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*
	Mike Kennedy	Scales 1, 2, 3, 4, 6, & 7
	Lyn Kennedy	↓
	Travis Will	↓
	Josh Miller	↓

Continued on Page 2

Application for Registration as a Registered Service Company
Page 2

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

2) 2000# Weight Carts	
1) 3500# Weight Cart	
29) 1000# test weights	
13) 500# test weights	
88) 50# test weights	
6) Avoirdupois Weight Kit	
3) Metric Weight Kits	

Additional Application Items (initial where appropriate):

Standardized Test Report	___ Copy enclosed X No change in report filed previously
Tested and Approved Sticker	___ Copy enclosed X No change in sticker filed previously
Photocopy of Crimped Lead Wire Seal	___ Copy enclosed X 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

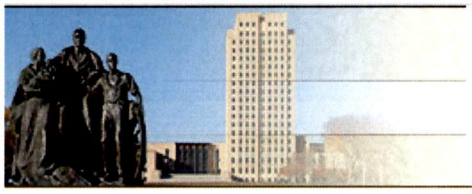
I am the Vice President, and have authority to represent this company. By signing this application, I declare that I have examined this form and accompanying documentation, and to the best of my knowledge and belief, the facts stated and documentation provided is true, correct, and complete.

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

CAPITAL SCALE COMPANY

Corporation Details

System ID: 6494400
Type: BUSINESS CORPORATION
Status: Active & Good Standing
Original File Date: 01/03/1994
State of Origin: North Dakota

Phone: (701) 255-1556

Effective Date: 01/03/1994

Nature of Business

SCALE INSTALLATION AND SERVICE

Principal Office

3021 VALLEY FORGE ST PO BOX 2021 BISMARCK, ND 58502-2021

Registered Agent

MICHAEL R KENNEDY
3021 VALLEY FORGE DR
BISMARCK, ND 58501-0790

Authorized Shares

Class	Number	Par Value
	1000.000000	$100.000000

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)

Return to Search Results

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: MP3356
DATE OF REPORT: 01/14/2015
DATE RECEIVED: 01/08/2015
DATE OF TEST: 01/12/15-01/14/15

Submitted By: Capital Scale
Contact: Travis Will
Mailing Address: Box 2021
City, State, Zip: Bismarck, ND 58502
Phone: 701-255-1556
S/A Number:

Standards Submitted:

3 -WEIGHT CARTS
29 -1000 LB TEST WEIGHTS
13 -500 LB TEST WEIGHTS
88 -50 LB TEST WEIGHTS
6 -AVOIRDUPOIS WEIGHT KITS
3 -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

1/14/15
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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Manufacturer:	Unk	**Condition of Cart:**	GOOD
Serial Number:	010913A	**Temperature (c):**	20.0
Test Method Used:	SOP 33/ Double Sub.	**Humidity:**	40.0%
Nominal (lb):	3500	**Pressure (mm/Hg):**	722.1
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)
-0.96	0.05	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

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/12/15
Manufacturer:	Unk	**Condition of Cart:**	GOOD
Serial Number:	Unk	**Temperature (c):**	20.0
Test Method Used:	SOP 33/ Double Sub.	**Humidity:**	40.0%
Nominal (lb):	2000	**Pressure (mm/Hg):**	725.0
Tolerance (lb):	0.50		

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)
-4.05	0.06	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.

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Pierre, SD 57501

Submitted by:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/12/15
Manufacturer:	Unk	**Condition of Cart:**	GOOD
Serial Number:	541094	**Temperature (c):**	20.0
Test Method Used:	SOP 33/ Double Sub.	**Humidity:**	40.0%
Nominal (lb):	2000	**Pressure (mm/Hg):**	725.0
Tolerance (lb):	0.50		

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)
0.94	-0.05	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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Office: 118 West Capitol Avenue Phone: 605-773-3697
Pierre, SD 57501

Submitted by:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/12/15-01/14/15
Artifacts Submitted	1000 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Various	**Temperature (c):**	22.7
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	48.3
Equipment Used:	Russell Balance/ Vaisala PTU301	**Pressure (mm/Hg):**	731

Treatment of artifacts prior to testing: Thermal equalibrium 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	Uncertainty	K
1000 lb	13.2	-0.004 lb	-2.0 g	-0.004 lb	-2.0 g	45 g	7.0 g	2.05
1000 lb	13.3	0.069 lb	31.4 g	0.069 lb	31.4 g	45 g	7.0 g	2.05
1000 lb	13.4	0.066 lb	30.1 g	0.066 lb	30.1 g	45 g	7.0 g	2.05
1000 lb	13.5	0.053 lb	23.9 g	0.053 lb	23.9 g	45 g	7.0 g	2.05
1000 lb	13.6	0.004 lb	2.0 g	0.004 lb	2.0 g	45 g	7.0 g	2.05
1000 lb	13.7	0.049 lb	22.4 g	0.049 lb	22.4 g	45 g	7.0 g	2.05
1000 lb	13.8	0.043 lb	19.4 g	0.043 lb	19.4 g	45 g	7.0 g	2.05
1000 lb	13.9	0.039 lb	17.7 g	0.039 lb	17.7 g	45 g	7.0 g	2.05
1000 lb	13.10	-0.018 lb	-8.1 g	-0.018 lb	-8.1 g	45 g	7.0 g	2.05
1000 lb	13.11	-0.013 lb	-5.8 g	-0.013 lb	-5.8 g	45 g	7.0 g	2.05
1000 lb	13.12	-0.014 lb	-6.1 g	-0.014 lb	-6.1 g	45 g	7.0 g	2.05
1000 lb	13.13	-0.013 lb	-5.8 g	-0.013 lb	-5.8 g	45 g	7.0 g	2.05
1000 lb	13.14	-0.023 lb	-10.5 g	-0.023 lb	-10.5 g	45 g	7.0 g	2.05
1000 lb	13.15	-0.024 lb	-10.9 g	-0.024 lb	-10.9 g	45 g	7.0 g	2.05
1000 lb	13.16	-0.016 lb	-7.3 g	-0.016 lb	-7.3 g	45 g	7.0 g	2.05
1000 lb	13.17	-0.001 lb	-0.7 g	-0.001 lb	-0.7 g	45 g	7.0 g	2.05
1000 lb	13.18	0.012 lb	5.5 g	0.012 lb	5.5 g	45 g	7.0 g	2.05
1000 lb	13.19	-0.043 lb	-19.5 g	-0.043 lb	-19.5 g	45 g	7.0 g	2.05

Ron Peterson, Metrologist

01/14/2015
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Pierre, SD 57501

Submitted by:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/12/15-01/14/15
Artifacts Submitted	500 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Various	**Temperature (c):**	22.7
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	48.3
Equipment Used:	Russell Balance/ Vaisala PTU301	**Pressure (mm/Hg):**	731

Treatment of artifacts prior to testing: Thermal equalibrium 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	Uncertainty	K
1000 lb	13.2	-0.010 lb	-4.5 g	-0.010 lb	-4.5 g	45 g	7.0 g	2.05
1000 lb	13.21	-0.026 lb	-12.0 g	-0.026 lb	-12.0 g	45 g	7.0 g	2.05
1000 lb	13.23	0.009 lb	3.9 g	0.009 lb	3.9 g	45 g	7.0 g	2.05
1000 lb	13.24	-0.048 lb	-21.6 g	-0.048 lb	-21.6 g	45 g	7.0 g	2.05
1000 lb	13.25	-0.035 lb	-16.0 g	-0.035 lb	-16.0 g	45 g	7.0 g	2.05
1000 lb	13.26	-0.024 lb	-10.7 g	-0.024 lb	-10.7 g	45 g	7.0 g	2.05
1000 lb	13.27	-0.014 lb	-6.4 g	-0.014 lb	-6.4 g	45 g	7.0 g	2.05
1000 lb	13.28	-0.013 lb	-5.8 g	-0.013 lb	-5.8 g	45 g	7.0 g	2.05
1000 lb	13.29	-0.037 lb	-16.7 g	-0.037 lb	-16.7 g	45 g	7.0 g	2.05
1000 lb	BMT 7	0.077 lb	35.0 g	0.003 lb	1.2 g	45 g	7.0 g	2.05
1000 lb	BMT 9	0.067 lb	30.4 g	0.067 lb	30.4 g	45 g	7.0 g	2.05

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Pierre, SD 57501

Submitted by:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/12/15-01/14/15
Artifacts Submitted	500 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Various	**Temperature (c):**	20
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	44.4
Equipment Used:	Russell Balance/ Vaisala PTU301	**Pressure (mm/Hg):**	720.8

Treatment of artifacts prior to testing: Thermal equalibrium 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	Uncertainty	K
500 lb	13.1	0.229 lb	103.7 g	0.039 lb	17.7 g	23 g	3.8 g	2.06
500 lb	13.2	-0.004 lb	-1.6 g	-0.004 lb	-1.6 g	23 g	3.8 g	2.06
500 lb	3356	-0.018 lb	-8.4 g	-0.018 lb	-8.4 g	23 g	3.8 g	2.06
500 lb	3357	0.027 lb	12.2 g	0.027 lb	12.2 g	23 g	3.8 g	2.06
500 lb	3358	-0.021 lb	-9.7 g	-0.021 lb	-9.7 g	23 g	3.8 g	2.06
500 lb	3359	0.011 lb	5.2 g	0.011 lb	5.2 g	23 g	3.8 g	2.06
500 lb	3360	-0.014 lb	-6.3 g	-0.014 lb	-6.3 g	23 g	3.8 g	2.06
500 lb	BMT3	0.004 lb	1.9 g	0.004 lb	1.9 g	23 g	3.8 g	2.06
500 lb	BMT7	0.000 lb	-0.1 g	0.000 lb	-0.1 g	23 g	3.8 g	2.06
500 lb	BMT9	-0.001 lb	-0.2 g	-0.001 lb	-0.2 g	23 g	3.8 g	2.06
500 lb	BMT12	0.024 lb	10.8 g	0.024 lb	10.8 g	23 g	3.8 g	2.06
500 lb	BMT13	0.038 lb	17.1 g	0.038 lb	17.1 g	23 g	3.8 g	2.06
500 lb	BMT15	-0.005 lb	-2.3 g	-0.005 lb	-2.3 g	23 g	3.8 g	2.06

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Pierre, SD 57501

Submitted by:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	50 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	51.4%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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		1511 mg	1511 mg	2300 mg	286 mg	2.11
50 lb		-2959 mg	-119 mg	2300 mg	286 mg	2.11
50 lb		531 mg	531 mg	2300 mg	286 mg	2.11
50 lb		-679 mg	-679 mg	2300 mg	286 mg	2.11
50 lb		666 mg	666 mg	2300 mg	286 mg	2.11
50 lb		-559 mg	-559 mg	2300 mg	286 mg	2.11
50 lb		-2159 mg	-49 mg	2300 mg	286 mg	2.11
50 lb		-119 mg	-119 mg	2300 mg	286 mg	2.11
50 lb		-599 mg	-599 mg	2300 mg	286 mg	2.11
50 lb		226 mg	226 mg	2300 mg	286 mg	2.11
50 lb		-3029 mg	-19 mg	2300 mg	286 mg	2.11
50 lb		-2164 mg	-24 mg	2300 mg	286 mg	2.11
50 lb		-1414 mg	-1414 mg	2300 mg	286 mg	2.11
50 lb		-149 mg	-149 mg	2300 mg	286 mg	2.11
50 lb		-2704 mg	21 mg	2300 mg	286 mg	2.11
50 lb		-284 mg	-284 mg	2300 mg	286 mg	2.11
50 lb		-1904 mg	21 mg	2300 mg	286 mg	2.11
50 lb		-1224 mg	-1224 mg	2300 mg	286 mg	2.11
50 lb		-759 mg	-759 mg	2300 mg	286 mg	2.11
50 lb		1746 mg	131 mg	2300 mg	286 mg	2.11
50 lb		-869 mg	-869 mg	2300 mg	286 mg	2.11
50 lb		551 mg	551 mg	2300 mg	286 mg	2.11
50 lb		-2124 mg	-74 mg	2300 mg	286 mg	2.11
50 lb		286 mg	286 mg	2300 mg	286 mg	2.11
50 lb		-1149 mg	-1149 mg	2300 mg	286 mg	2.11
50 lb		-94 mg	-94 mg	2300 mg	286 mg	2.11

Ron Peterson, Metrologist

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Submitted by:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	50 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	51.4%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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		-2659 mg	-49 mg	2300 mg	286 mg	2.11
50 lb		-934 mg	-934 mg	2300 mg	286 mg	2.11
50 lb		-784 mg	-784 mg	2300 mg	286 mg	2.11
50 lb		1311 mg	1311 mg	2300 mg	286 mg	2.11
50 lb		-1119 mg	-1119 mg	2300 mg	286 mg	2.11
50 lb		791 mg	791 mg	2300 mg	286 mg	2.11
50 lb		-2409 mg	136 mg	2300 mg	286 mg	2.11
50 lb		-319 mg	-319 mg	2300 mg	286 mg	2.11
50 lb		296 mg	296 mg	2300 mg	286 mg	2.11
50 lb		1196 mg	1196 mg	2300 mg	286 mg	2.11
50 lb		-1204 mg	-1204 mg	2300 mg	286 mg	2.11
50 lb		-1719 mg	361 mg	2300 mg	286 mg	2.11
50 lb		-284 mg	-284 mg	2300 mg	286 mg	2.11
50 lb		-699 mg	-699 mg	2300 mg	286 mg	2.11
50 lb		-1509 mg	-1509 mg	2300 mg	286 mg	2.11
50 lb		-34 mg	-34 mg	2300 mg	286 mg	2.11
50 lb		-1209 mg	-1209 mg	2300 mg	286 mg	2.11
50 lb		-1119 mg	-1119 mg	2300 mg	286 mg	2.11
50 lb		1 mg	1 mg	2300 mg	286 mg	2.11
50 lb		-984 mg	-984 mg	2300 mg	286 mg	2.11
50 lb		-54 mg	-54 mg	2300 mg	286 mg	2.11
50 lb		-1374 mg	-1374 mg	2300 mg	286 mg	2.11
50 lb		656 mg	656 mg	2300 mg	286 mg	2.11
50 lb		-1549 mg	241 mg	2300 mg	286 mg	2.11
50 lb		-654 mg	-654 mg	2300 mg	286 mg	2.11

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	50 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	51.4%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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		341 mg	341 mg	2300 mg	286 mg	2.11
50 lb		831 mg	831 mg	2300 mg	286 mg	2.11
50 lb		-779 mg	-779 mg	2300 mg	286 mg	2.11
50 lb		-1754 mg	71 mg	2300 mg	286 mg	2.11
50 lb		41 mg	41 mg	2300 mg	286 mg	2.11
50 lb		211 mg	211 mg	2300 mg	286 mg	2.11
50 lb		106 mg	106 mg	2300 mg	286 mg	2.11
50 lb		-34 mg	-34 mg	2300 mg	286 mg	2.11
50 lb		-944 mg	-944 mg	2300 mg	286 mg	2.11
50 lb		1161 mg	1161 mg	2300 mg	286 mg	2.11
50 lb		-1084 mg	-1084 mg	2300 mg	286 mg	2.11
50 lb		521 mg	521 mg	2300 mg	286 mg	2.11
50 lb		1951 mg	1951 mg	2300 mg	286 mg	2.11
50 lb		-134 mg	-134 mg	2300 mg	286 mg	2.11
50 lb		-304 mg	-304 mg	2300 mg	286 mg	2.11
50 lb		-84 mg	-84 mg	2300 mg	286 mg	2.11
50 lb		766 mg	766 mg	2300 mg	286 mg	2.11
50 lb		2026 mg	71 mg	2300 mg	286 mg	2.11
50 lb		2051 mg	-29 mg	2300 mg	286 mg	2.11
50 lb		-439 mg	-439 mg	2300 mg	286 mg	2.11
50 lb		-1549 mg	41 mg	2300 mg	286 mg	2.11
50 lb		-1024 mg	-1024 mg	2300 mg	286 mg	2.11
50 lb		-479 mg	-479 mg	2300 mg	286 mg	2.11
50 lb		-1384 mg	-1384 mg	2300 mg	286 mg	2.11
50 lb		621 mg	621 mg	2300 mg	286 mg	2.11
50 lb		1106 mg	1106 mg	2300 mg	286 mg	2.11

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	50 lb TW	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	51.4%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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		-324 mg	-324 mg	2300 mg	286 mg	2.11
50 lb		2571 mg	2571 mg	2300 mg	286 mg	2.11
50 lb		-714 mg	-714 mg	2300 mg	286 mg	2.11
50 lb		-484 mg	-484 mg	2300 mg	286 mg	2.11
50 lb		141 mg	141 mg	2300 mg	286 mg	2.11
50 lb		821 mg	821 mg	2300 mg	286 mg	2.11
50 lb		1716 mg	-24 mg	2300 mg	286 mg	2.11
50 lb		6 mg	6 mg	2300 mg	286 mg	2.11
50 lb		-29 mg	-29 mg	2300 mg	286 mg	2.11
50 lb		-1109 mg	-1109 mg	2300 mg	286 mg	2.11
50 lb		1 mg	1 mg	2300 mg	286 mg	2.11
50 lb		1466 mg	1466 mg	2300 mg	286 mg	2.11
50 lb		-819 mg	-819 mg	2300 mg	286 mg	2.11

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11905A	**Condition of Weights:**	FAIR
Manufacturer:	Toledo	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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		66 mg	66 mg	450 mg	55 mg	2.09
10 lb	.	96 mg	96 mg	450 mg	55 mg	2.09
5 lb		-80 mg	-80 mg	230 mg	28 mg	2.08
2 lb		31 mg	31 mg	91 mg	11 mg	2.09
2 lb	.	14 mg	14 mg	91 mg	11 mg	2.09
1 lb		-1.8 mg	-1.8 mg	70 mg	8.5 mg	2.07
8 oz		10.8 mg	10.8 mg	45 mg	5.5 mg	2.07
4 oz		-4.8 mg	-4.8 mg	23 mg	2.8 mg	2.10
1 oz		2.97 mg	2.97 mg	5.4 mg	0.65 mg	2.07
1 oz	.	3.19 mg	3.19 mg	5.4 mg	0.65 mg	2.07
1 oz	..	1.87 mg	1.87 mg	5.4 mg	0.65 mg	2.07
1/2 oz		1.41 mg	1.41 mg	2.8 mg	0.34 mg	2.08
1/4 oz		-0.91 mg	-0.91 mg	1.7 mg	0.21 mg	2.08

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11905B	**Condition of Weights:**	FAIR
Manufacturer:	Troemner	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
2 lb	1	25 mg	25 mg	91 mg	11 mg	2.09
2 lb	2	11 mg	11 mg	91 mg	11 mg	2.09
2 lb	3	12 mg	12 mg	91 mg	11 mg	2.09
1 lb		20.2 mg	20.2 mg	70 mg	8.5 mg	2.07
0.3 lb		-0.7 mg	-0.7 mg	27 mg	3.0 mg	2.09
0.2 lb		0.8 mg	0.8 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		0.44 mg	0.44 mg	4.5 mg	0.55 mg	2.09
0.03 lb		-1.42 mg	-1.42 mg	2.7 mg	0.30 mg	2.09
0.02 lb		0.16 mg	0.16 mg	1.8 mg	0.22 mg	2.09
0.01 lb		-0.35 mg	-0.35 mg	1.5 mg	0.19 mg	2.09
8 oz		11.8 mg	11.8 mg	45 mg	5.5 mg	2.07
4 oz		-2.7 mg	-2.7 mg	23 mg	2.8 mg	2.10
2 oz		4.2 mg	4.2 mg	11 mg	1.3 mg	2.09
1 oz		0.49 mg	0.49 mg	5.4 mg	0.65 mg	2.07
1/2 oz		0.03 mg	0.03 mg	2.8 mg	0.34 mg	2.08
1/4 oz		0.37 mg	0.37 mg	1.7 mg	0.21 mg	2.08

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11905C	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
5 lb	1	-13 mg	-13 mg	230 mg	28 mg	2.08
5 lb	2	23 mg	23 mg	230 mg	28 mg	2.08
5 lb	3	17 mg	17 mg	230 mg	28 mg	2.08
5 lb	4	63 mg	63 mg	230 mg	28 mg	2.08
5 lb	5	70 mg	70 mg	230 mg	28 mg	2.08
1 lb	1	-16.8 mg	-16.8 mg	70 mg	8.5 mg	2.07
1 lb	2	-7.8 mg	-7.8 mg	70 mg	8.5 mg	2.07
1 lb	3	-18.8 mg	-18.8 mg	70 mg	8.5 mg	2.07
1 lb	4	-3.8 mg	-3.8 mg	70 mg	8.5 mg	2.07
1 lb	5	-4.8 mg	-4.8 mg	70 mg	8.5 mg	2.07
8 oz		20.8 mg	20.8 mg	45 mg	5.5 mg	2.07
4 oz		3.3 mg	3.3 mg	23 mg	2.8 mg	2.10
2 oz		3.7 mg	3.7 mg	11 mg	1.3 mg	2.09
1 oz		3.47 mg	3.47 mg	5.4 mg	0.65 mg	2.07
1/2 oz		-0.91 mg	-0.91 mg	2.8 mg	0.34 mg	2.08
1/4 oz		0.32 mg	0.32 mg	1.7 mg	0.21 mg	2.08
1/8 oz		0.79 mg	0.79 mg	1.3 mg	0.16 mg	2.08
0.1 lb		0.1 mg	0.1 mg	9.1 mg	1.1 mg	2.09
0.05 lb	.	2.39 mg	2.39 mg	4.5 mg	0.55 mg	2.09
0.05 lb		1.49 mg	1.49 mg	4.5 mg	0.55 mg	2.09
0.02 lb		-0.21 mg	-0.21 mg	1.8 mg	0.22 mg	2.09
0.02 lb	.	-0.43 mg	-0.43 mg	1.8 mg	0.22 mg	2.09
0.01 lb		-0.83 mg	-0.83 mg	1.5 mg	0.19 mg	2.09

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11905D	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
5 lb	1	40 mg	40 mg	230 mg	28 mg	2.08
5 lb	2	105 mg	105 mg	230 mg	28 mg	2.08
5 lb	3	131 mg	131 mg	230 mg	28 mg	2.08
5 lb	4	20 mg	20 mg	230 mg	28 mg	2.08
5 lb	5	50 mg	50 mg	230 mg	28 mg	2.08
1 lb	1	29.2 mg	29.2 mg	70 mg	8.5 mg	2.07
1 lb	2	11.2 mg	11.2 mg	70 mg	8.5 mg	2.07
1 lb	3	15.2 mg	15.2 mg	70 mg	8.5 mg	2.07
1 lb	4	28.2 mg	28.2 mg	70 mg	8.5 mg	2.07
1 lb	5	34.2 mg	34.2 mg	70 mg	8.5 mg	2.07
8 oz		7.8 mg	7.8 mg	45 mg	5.5 mg	2.07
4 oz		3.6 mg	3.6 mg	23 mg	2.8 mg	2.10
2 oz		1.7 mg	1.7 mg	11 mg	1.3 mg	2.09
1 oz		1.80 mg	1.80 mg	5.4 mg	0.65 mg	2.07
1/2 oz		1.21 mg	1.21 mg	2.8 mg	0.34 mg	2.08
1/4 oz		1.10 mg	1.10 mg	1.7 mg	0.21 mg	2.08
1/8 oz		0.18 mg	0.18 mg	1.3 mg	0.16 mg	2.08
1/16 oz		0.53 mg	0.53 mg	1.1 mg	0.14 mg	2.08
1/32 oz		0.35 mg	0.35 mg	0.87 mg	0.13 mg	2.08
1/32 oz		0.35 mg	0.35 mg	0.87 mg	0.13 mg	2.08

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 010813A	**Condition of Weights:**	GOOD
Manufacturer:	Rice Lake	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
5 lb	1	66 mg	66 mg	230 mg	28 mg	2.08
5 lb	2	62 mg	62 mg	230 mg	28 mg	2.08
5 lb	3	63 mg	63 mg	230 mg	28 mg	2.08
5 lb	4	60 mg	60 mg	230 mg	28 mg	2.08
5 lb	5	62 mg	62 mg	230 mg	28 mg	2.08
1 lb	1	22.2 mg	22.2 mg	70 mg	8.5 mg	2.07
1 lb	2	21.2 mg	21.2 mg	70 mg	8.5 mg	2.07
1 lb	3	24.2 mg	24.2 mg	70 mg	8.5 mg	2.07
1 lb	4	16.2 mg	16.2 mg	70 mg	8.5 mg	2.07
1 lb	5	26.2 mg	26.2 mg	70 mg	8.5 mg	2.07
8 oz		20.8 mg	20.8 mg	45 mg	5.5 mg	2.07
4 oz		8.4 mg	8.4 mg	23 mg	2.8 mg	2.10
2 oz		2.7 mg	2.7 mg	11 mg	1.3 mg	2.09
1 oz		1.70 mg	1.70 mg	5.4 mg	0.65 mg	2.07
1/2 oz		0.89 mg	0.89 mg	2.8 mg	0.34 mg	2.08
1/4 oz		0.52 mg	0.52 mg	1.7 mg	0.21 mg	2.08
1/8 oz		0.53 mg	0.53 mg	1.3 mg	0.16 mg	2.08
1/16 oz		0.16 mg	0.16 mg	1.1 mg	0.14 mg	2.08
1/32 oz		0.23 mg	0.23 mg	0.87 mg	0.13 mg	2.08
1/32 oz		0.33 mg	0.33 mg	0.87 mg	0.13 mg	2.08

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11111A	**Condition of Weights:**	GOOD
Manufacturer:	Unk	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50%
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
5 kg	1	159 mg	159 mg	500 mg	61 mg	2.13
5 kg	2	141 mg	141 mg	500 mg	61 mg	2.13
2 kg	1	33 mg	33 mg	200 mg	24 mg	2.10
2 kg	2	43 mg	43 mg	200 mg	24 mg	2.10
1 kg		46 mg	46 mg	100 mg	12 mg	2.09
500 g	1	23.5 mg	23.5 mg	70 mg	8.6 mg	2.09
500 g	2	17.5 mg	17.5 mg	70 mg	8.6 mg	2.09
500 g	3	10.5 mg	10.5 mg	70 mg	8.6 mg	2.09
500 g	4	17.5 mg	17.5 mg	70 mg	8.6 mg	2.09
500 g	5	17.5 mg	17.5 mg	70 mg	8.6 mg	2.09
200 g	1	9.0 mg	9.0 mg	40 mg	5.0 mg	2.10
200 g	2	9.3 mg	9.3 mg	40 mg	5.0 mg	2.10
100 g		7.0 mg	7.0 mg	20 mg	2.4 mg	2.09
50 g		1.8 mg	1.8 mg	10 mg	1.2 mg	2.09
20 g		1.62 mg	1.62 mg	4 mg	0.49 mg	2.09
20 g		1.14 mg	1.14 mg	4 mg	0.49 mg	2.09
10 g		0.43 mg	0.43 mg	2 mg	0.25 mg	2.08
5 g		0.65 mg	0.65 mg	1.5 mg	0.39 mg	2.09
2 g		0.19 mg	0.19 mg	1.1 mg	0.14 mg	2.09
2 g		0.60 mg	0.60 mg	1.1 mg	0.14 mg	2.09
1 g		0.07 mg	0.07 mg	0.9 mg	0.12 mg	2.09

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11905 E	**Condition of Weights:**	GOOD
Manufacturer:	Rice Lake	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50%
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
2 kg		45 mg	45 mg	200 mg	24 mg	2.10
1 kg		34 mg	34 mg	100 mg	12 mg	2.09
500 g		27.5 mg	27.5 mg	70 mg	8.6 mg	2.09
200 g		12.4 mg	12.4 mg	40 mg	5.0 mg	2.10
200 g	.	17.7 mg	17.7 mg	40 mg	5.0 mg	2.10
100 g		9.5 mg	9.5 mg	20 mg	2.4 mg	2.09
50 g		5.0 mg	5.0 mg	10 mg	1.2 mg	2.09
20 g		2.56 mg	2.56 mg	4 mg	0.49 mg	2.09
20 g	.	0.95 mg	0.95 mg	4 mg	0.49 mg	2.09
10 g		0.29 mg	0.29 mg	2 mg	0.25 mg	2.08
5 g		0.56 mg	0.56 mg	1.5 mg	0.39 mg	2.09
2 g		0.69 mg	0.69 mg	1.1 mg	0.14 mg	2.09
2 g	.	0.08 mg	0.08 mg	1.1 mg	0.14 mg	2.09
1 g		0.37 mg	0.37 mg	0.9 mg	0.12 mg	2.09

Ron Peterson, Metrologist

01/14/2015
Date of Report

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:	Capital Scale	**Report Number:**	MP3356
Mailing Address:	Box 2021	**Date Received:**	01/08/15
City, State, Zip:	Bismarck, ND 58502	**Date tested:**	01/13/15
Artifacts Submitted	Kit 11905F	**Condition of Weights:**	GOOD
Manufacturer:	Rice Lake	**Temperature (c):**	20.3
Test Method Used:	SOP 8/ MODIFIED SUB	**Humidity:**	50%
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	**Pressure (mm/Hg):**	720.4

Treatment of artifacts prior to testing: Thermal equalibrium 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*
2 kg		38 mg	38 mg	200 mg	24 mg	2.10
1 kg		33 mg	33 mg	100 mg	12 mg	2.09
500 g		8.5 mg	8.5 mg	70 mg	8.6 mg	2.09
200 g		10.7 mg	10.7 mg	40 mg	5.0 mg	2.10
200 g	.	13.4 mg	13.4 mg	40 mg	5.0 mg	2.10
100 g		6.6 mg	6.6 mg	20 mg	2.4 mg	2.09
50 g		2.0 mg	2.0 mg	10 mg	1.2 mg	2.09
20 g		1.92 mg	1.92 mg	4 mg	0.49 mg	2.09
20 g	.	0.22 mg	0.22 mg	4 mg	0.49 mg	2.09
10 g		0.80 mg	0.80 mg	2 mg	0.25 mg	2.08
5 g		0.37 mg	0.37 mg	1.5 mg	0.39 mg	2.09
2 g		0.93 mg	0.93 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		0.51 mg	0.51 mg	0.9 mg	0.12 mg	2.09

End of Report

Ron Peterson, Metrologist

01/14/2015
Date of Report

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

South Dakota

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

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

2015

Scope

Mass Echelon III
30 kg to 50 mg
1000 lb to 0.001 lb
8 oz to 0.03125 oz

Weight Carts
5000 lb to 2000 lb

Volume Transfer, II
5 gal

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

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

(Rev.: March 2013)

CAPITAL SCALE
PO BOX 2021 · Bismarck, ND 58502-2021
Phone: 701-255-1556

Date	PSC Device Code	No. of Sections
Name of Business		
Mailing Address		
City	State	Zip Code
County	Telephone Number	
Device Contact/Manager	Cell Number	
Email Address		
Device Location		

Complete each item with Y (Yes), N (No), or NA (Not Applicable)

___ New Installation (w/ RFI Check)
___ Modified Equipment
___ Replaced Existing Equipment
___ Performed Calibration
___ Use as a Reference Scale
___ Non-Commercial

___ Variance Permit Posted; Expiration Date: _____
___ Stored/Recalled Weights Meet NDAC §§ 69-10-02-23 & 69-10-02-24
___ Software is NTEP Approved
___ Built-In Standards; Date Certified: _____

___ Multiple Decks/Single Indicator
___ Clearance Below Scale Clear
___ Approach Requirements Met
___ Pit Coping and Crush Strip Good
___ Customer Has Clear View
___ Video Camera Working
___ View Distance > 200'
___ Two-Way Audio Working

___ In Response to PSC Quality Assurance Inspection

Scale Information

Scale Manufacturer	Indicator Manufacturer/Model	Indicator Serial No.	Weighing Elements
Capacity/Divisions/Units	Legible Label ___ Y ___ N / Class	Printer Manufacturer/Model	Printer Serial No.
Deck Size	Clearance (inches)	Approach – 12' Concrete Level	Hard Surface Approach (Length/Slope/Condition)
SR or Discrimination Test Zero Load = _____ lb. Loaded = _____ lb.		Motion Detection Range = _____ lb.	AZSM (Auto Zero) Range = _____ lb.

Test Data

LBP / Section / Product Wt.	Value of Test Weights Used	Errors +/- As Found	Errors +/- As Left	LBP / Section / Product Wt.	Value of Test Weights Used	Errors +/- As Found	Errors +/- As Left

Strain Load Test

Section (Increasing or Decreasing)			
Full Truck Weight			
Test Weight			
Empty Truck Weight			
Errors			

___ Physical Seal ___ Y ___ N
Seal Date:
Seal Type:

___ Electronic Audit Trail: ___ Y ___ N
Audit Trail Information:

Meets tolerances in PSC adopted NIST Handbook 44? ___ Maintenance ___Acceptance

___ Approved ___ Rejected ___Taken out of Service ___ Sticker Applied

By signing this test report, I declare that I have examined this report and to the best of my knowledge and belief, the report is complete and the facts stated are sufficient, true and correct. I also declare that, except for conditions noted in "Remarks," the device meets the minimum requirements of the State laws and rules, including NIST Handbook 44, for use of the device in commerce.

_____ _____
Permit Holder Signature Permit No.

_____ _____
Operator Signature Date

Remarks (include environmental conditions, if applicable). Attach additional sheets as necessary.