



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



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

Name of Company <i>K-Scale LLC</i>	Email Address <i>info@K-Scale.com</i>	Application Date <i>3-21-18</i>	
Mailing Address <i>1701 W. Madison St.</i>	City <i>Sinox Falls</i>	State <i>SD</i>	Zip Code <i>57104</i>
Telephone Number <i>605-334-8003</i>	Cell Phone Number <i>605-431-4790</i>	Fax Number <i>605-336-9500</i>	

Select below all device types your company will certify:

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

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

Permit No.	Employee	Device Types Registered to Certify (list using device type numbers from above)
<i>e.g. 1001</i>	<i>e.g. John Doe</i>	<i>e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6</i>
<i>11022</i>	<i>Kevin Baougartner</i>	<i>2, 3, 4, 5, 6, 7, 8</i>

Application for Registration as a Registered Service Company
Page 2

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

Additional Application Items (initial where appropriate):

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

Public Company Listing:

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

I am S. Baumgartner Suzanne Baumgartner, 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.

S. Baumgartner
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



SECRETARY OF STATE NORTH DAKOTA

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K-SCALE, L.L.C.

Corporation Details

System ID: 20971400**Phone:** (605) 334-8003**Type:** FOREIGN LIMITED LIABILITY COMPANY**Status:** Active & Good Standing**Original File Date:** 04/22/2005**Effective Date:** 04/22/2005**State of Origin:** South Dakota

Nature of Business

SALES & SERVICE OF ALL TYPES OF SCALES

Principal Office

1701 W MADISON SIOUX FALLS, SD 57104-5723

Registered Agent

SEARCH COMPANY OF NORTH DAKOTA LLC

1709 N 19TH ST STE 3


BISMARCK, ND 58501-2121


Established Date: Dec 11, 2015

Generate an Annual Report To File

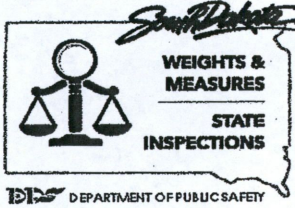
To Generate a Annual Report form to be filed with the Secretary of State, select the appropriate year of the report you intend to file. This report does not contain details of a report previously filed with the Secretary of State. The annual report years reflected are an indication of the various report 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.

[2017](#) (generates a forms-fillable pdf in a new pop-up window)[Return to Search Results](#)[Contact Us](#)[Disclaimer](#) | [Privacy Policy](#)

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

REPORT OF CALIBRATION

LAB TEST NUMBER: MP3728
DATE OF REPORT: 10/05/2017
DATE RECEIVED: 10/02/2017
DATE OF TEST: 10/02-04/2017



Submitted By: K- Scale
Contact: Kevin Baumgartner
Mailing Address: 1701 W Madison
City, State, Zip: Sioux Falls, SD 57104
Phone: 605-334-8003
S/A Number: 90

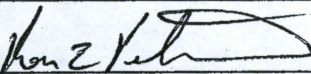
Standards Submitted:

1 - 3000 lb weight cart	2 metric handle weights
29 - 1000 lb cast weights	3 metric kits
47 - 50 lb handle weights	3 - avoirdupois kits
41 - 25 lb handle weights	

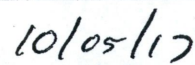
Uncertainty Statement: The combined standard uncertainty includes the standard uncertainty reported for the standard and the standard uncertainty for the measurement process. The combined standard uncertainty is multiplied by a coverage factor k to provide an expanded uncertainty which defines an interval 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.

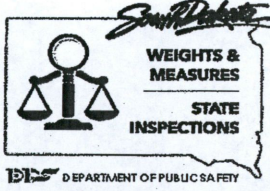
Traceability statement:
The Standards of the SD Metrology Laboratory used for comparison are traceable to the International System of Units (SI) through the National Institute of Standards and Technology. The laboratory test number identified above is the unique report number to be used in referencing 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:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Manufacturer:	Dunbar Mfg	Condition of Cart:	GOOD
Serial Number:	SN 011111885	Temperature (c):	20.0
Test Method Used:	SOP 33 Calibrations of Weight Carts, Jan 2016	Humidity:	40.0%
Nominal (lb):	3000	Pressure (mm/Hg):	725.5
Tolerance (lb):	1.00		

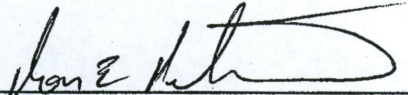
The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory.

As Found (lb)	As Left (lb)	Uncertainty-lb. (k=)
-0.91	0.07	0.23

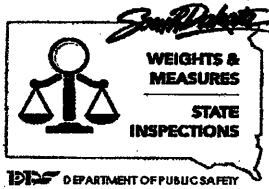
The weight cart was allowed to come to environmental equilibrium in the laboratory prior to calibration. The weight cart was adjusted, as needed and noted above, as close as possible to zero error. All fluid levels must be maintained as close to reference levels as possible during use. Any maintenance,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

10/05/2017
 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:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	1000 lb cast weights	Condition of Weights:	GOOD
		Temperature (c):	22.1
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Humidity:	49.7
Equipment Used:	Russell Balance/ Vaisala PTU301	Pressure (mm/Hg):	725.1

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

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

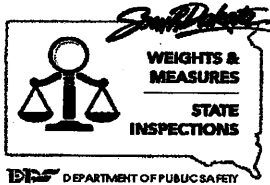
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Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	k
1000 lb	1	-0.024 lb -10.9 g	-0.024 lb -10.9 g	45 g	5.9 g	2.04
1000 lb	2	0.000 lb 0.1 g	0.000 lb 0.1 g	45 g	5.9 g	2.04
1000 lb	3	-0.031 lb -14.1 g	-0.031 lb -14.1 g	45 g	5.9 g	2.04
1000 lb	4	-0.020 lb -9.2 g	-0.020 lb -9.2 g	45 g	5.9 g	2.04
1000 lb	5	-0.062 lb -28.0 g	-0.008 lb -3.4 g	45 g	5.9 g	2.04
1000 lb	6	0.014 lb 6.3 g	0.014 lb 6.3 g	45 g	5.9 g	2.04
1000 lb	8	-0.023 lb -10.3 g	-0.023 lb -10.3 g	45 g	5.9 g	2.04
1000 lb	9	-0.059 lb -26.9 g	-0.003 lb -1.6 g	45 g	5.9 g	2.04
1000 lb	10	-0.076 lb -34.6 g	-0.002 lb -0.8 g	45 g	5.9 g	2.04
1000 lb	11	-0.012 lb -5.4 g	-0.012 lb -5.4 g	45 g	5.9 g	2.04
1000 lb	12	0.070 lb 31.8 g	0.070 lb 31.8 g	45 g	5.9 g	2.04
1000 lb	13	0.195 lb 88.3 g	0.003 lb 1.4 g	45 g	5.9 g	2.04
1000 lb	14	-0.033 lb -15.1 g	-0.033 lb -15.1 g	45 g	5.9 g	2.04
1000 lb	15	-0.030 lb -13.4 g	-0.030 lb -13.4 g	45 g	5.9 g	2.04


Ron Peterson, Metrologist

10/05/2017

Date of Report



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Office of Weights and Measures
Metrology Lab**

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

Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	1000 lb cast weights	Condition of Weights:	GOOD
		Temperature (c):	22.1
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Humidity:	49.7
Equipment Used:	Russell Balance/ Vaisala PTU301	Pressure (mm/Hg):	725.1

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

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

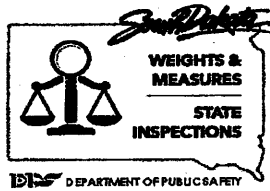
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Nominal	Serial Number	Correction As Found		Correction As Left		Tolerance	Uncertainty	k
1000 lb	16	-0.023 lb	-10.4 g	-0.023 lb	-10.4 g	45 g	5.9 g	2.04
1000 lb	17	0.026 lb	11.9 g	0.026 lb	11.9 g	45 g	5.9 g	2.04
1000 lb	18	-0.006 lb	-2.9 g	-0.006 lb	-2.9 g	45 g	5.9 g	2.04
1000 lb	19	0.119 lb	54.0 g	0.002 lb	0.8 g	45 g	5.9 g	2.04
1000 lb	20	-0.040 lb	-18.1 g	-0.040 lb	-18.1 g	45 g	5.9 g	2.04
1000 lb	21	0.119 lb	54.0 g	0.001 lb	0.4 g	45 g	5.9 g	2.04
1000 lb	23	0.072 lb	32.9 g	0.072 lb	32.9 g	45 g	5.9 g	2.04
1000 lb	24	-0.012 lb	-5.2 g	-0.012 lb	-5.2 g	45 g	5.9 g	2.04
1000 lb	25	0.043 lb	19.3 g	0.043 lb	19.3 g	45 g	5.9 g	2.04
1000 lb	26	-0.059 lb	-26.8 g	0.004 lb	1.7 g	45 g	5.9 g	2.04
1000 lb	70	0.011 lb	4.9 g	0.011 lb	4.9 g	45 g	5.9 g	2.04
1000 lb	122	0.015 lb	6.9 g	0.015 lb	6.9 g	45 g	5.9 g	2.04
1000 lb	5FJJ	0.029 lb	13.1 g	0.029 lb	13.1 g	45 g	5.9 g	2.04
1000 lb	R17	-0.028 lb	-12.5 g	-0.028 lb	-12.5 g	45 g	5.9 g	2.04
1000 lb	RR	0.007 lb	3.1 g	0.007 lb	3.1 g	45 g	5.9 g	2.04


Ron Peterson, Metrologist

10/05/2017

Date of Report



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Metrology Lab**

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

Submitted by: K- Scale Report Number: MP9728
 Mailing Address: 1701 W Madison Date Received: 10/02/17
 City, State, Zip: Sioux Falls, SD 57104 Date tested: 10/02-04/2017
 Artifacts Submitted: 50 lb handle weights Condition of Weights: GOOD
 Temperature (c): 21.5
 Test Method Used: SOP 8/ MODIFIED SUB, Jun 2015 Humidity: 50.3%
 Equipment Used: Mettler KA-30/ Vaisala PTU301 Pressure (mm/Hg): 723.1

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

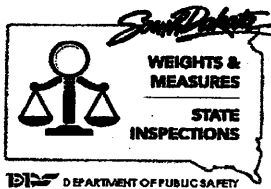
Standards Used: SD Lab Working Standards.

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Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	k
50 lb	1	-2554 mg	-9 mg	2300 mg	283 mg	2.04
50 lb	2	-339 mg	-339 mg	2300 mg	283 mg	2.04
50 lb	3	281 mg	281 mg	2300 mg	283 mg	2.04
50 lb	4	-299 mg	-299 mg	2300 mg	283 mg	2.04
50 lb	5	-594 mg	-594 mg	2300 mg	283 mg	2.04
50 lb	6	196 mg	196 mg	2300 mg	283 mg	2.04
50 lb	7	-2239 mg	-24 mg	2300 mg	283 mg	2.04
50 lb	8	-2024 mg	-4 mg	2300 mg	283 mg	2.04
50 lb	10	-4469 mg	1 mg	2300 mg	283 mg	2.04
50 lb	11	-514 mg	-514 mg	2300 mg	283 mg	2.04
50 lb	13	-1069 mg	-1069 mg	2300 mg	283 mg	2.04
50 lb	13	2006 mg	-14 mg	2300 mg	283 mg	2.04
50 lb	14	-1399 mg	-4 mg	2300 mg	283 mg	2.04
50 lb	15	-1049 mg	-1049 mg	2300 mg	283 mg	2.04
50 lb	16	-934 mg	-934 mg	2300 mg	283 mg	2.04
50 lb	17	-4004 mg	-14 mg	2300 mg	283 mg	2.04
50 lb	18	-664 mg	-664 mg	2300 mg	283 mg	2.04
50 lb	20	-599 mg	-599 mg	2300 mg	283 mg	2.04
50 lb	21	-2084 mg	-24 mg	2300 mg	283 mg	2.04
50 lb	22	-2114 mg	1 mg	2300 mg	283 mg	2.04
50 lb	24	-1294 mg	1 mg	2300 mg	283 mg	2.04
50 lb	26	-809 mg	-809 mg	2300 mg	283 mg	2.04
50 lb	27	-2739 mg	-14 mg	2300 mg	283 mg	2.04
50 lb	28	-479 mg	-504 mg	2300 mg	283 mg	2.04
50 lb	29	-1384 mg	-14 mg	2300 mg	283 mg	2.04


Ron Peterson, Metrologist

10/05/2017
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 City, State, Zip: Sioux Falls, SD 57104 Date tested: 10/02-04/2017
 Artifacts Submitted: 50 lb handle weights Condition of Weights: GOOD
 Temperature (c): 21.5
 Test Method Used: SOP 8/ MODIFIED SUB, Jun 2015 Humidity: 50.3%
 Equipment Used: Mettler KA-30/ Vaisala PTU301 Pressure (mm/Hg): 723.1

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

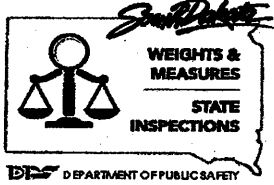
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Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	k
50 lb	31	-554 mg	-554 mg	2300 mg	283 mg	2.04
50 lb	32	-3309 mg	1 mg	2300 mg	283 mg	2.04
50 lb	33	-2014 mg	-4 mg	2300 mg	283 mg	2.04
50 lb	34	-954 mg	-954 mg	2300 mg	283 mg	2.04
50 lb	36	-729 mg	-729 mg	2300 mg	283 mg	2.04
50 lb	39	-2254 mg	-29 mg	2300 mg	283 mg	2.04
50 lb	40	-1009 mg	-1009 mg	2300 mg	283 mg	2.04
50 lb	41	-519 mg	-519 mg	2300 mg	283 mg	2.04
50 lb	44	-799 mg	691 mg	2300 mg	283 mg	2.04
50 lb	45	-1469 mg	-4 mg	2300 mg	283 mg	2.04
50 lb	47	-2354 mg	1 mg	2300 mg	283 mg	2.04
50 lb	48	-184 mg	-184 mg	2300 mg	283 mg	2.04
50 lb	50	-979 mg	-979 mg	2300 mg	283 mg	2.04
50 lb	51	-1294 mg	-24 mg	2300 mg	283 mg	2.04
50 lb	52	-689 mg	-689 mg	2300 mg	283 mg	2.04
50 lb	53	-999 mg	-999 mg	2300 mg	283 mg	2.04
50 lb	96	-3604 mg	-44 mg	2300 mg	283 mg	2.04
50 lb	97	-3564 mg	-9 mg	2300 mg	283 mg	2.04
50 lb	98	-2299 mg	-14 mg	2300 mg	283 mg	2.04
50 lb	99	-634 mg	-634 mg	2300 mg	283 mg	2.04
50 lb	321	-2024 mg	16 mg	2300 mg	283 mg	2.04
50 lb	333	-1554 mg	-4 mg	2300 mg	283 mg	2.04


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Submitted by: K- Scale Report Number: MP3728
 Mailing Address: 1701 W Madison Date Received: 10/02/17
 City, State, Zip: Sioux Falls, SD 57104 Date tested: 10/02-04/2017
 Artifacts Submitted: 25 lb handle weights Condition of Weights: GOOD
 Temperature (c): 21.5
 Test Method Used: SOP 8/ MODIFIED SUB, Jun 2015 Humidity: 50.3%
 Equipment Used: Mettler KA-30/ Vaisala PTU301 Pressure (mm/Hg): 723.1

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

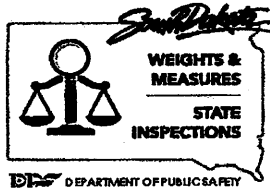
Standards Used: SD Lab Working Standards.

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25 lb	2	302 mg	302 mg	1100 mg	137 mg	2.05
25 lb	56	-598 mg	107 mg	1100 mg	137 mg	2.05
25 lb	1PHN	202 mg	202 mg	1100 mg	137 mg	2.05
25 lb	1PJ1	-143 mg	-143 mg	1100 mg	137 mg	2.05
25 lb	1PJ1	712 mg	712 mg	1100 mg	137 mg	2.05
25 lb	1PJ9	-148 mg	-148 mg	1100 mg	137 mg	2.05
25 lb	1PJA	-68 mg	-68 mg	1100 mg	137 mg	2.05
25 lb	1PJB	607 mg	607 mg	1100 mg	137 mg	2.05
25 lb	1PJD	-3 mg	-3 mg	1100 mg	137 mg	2.05
25 lb	1PJE	-58 mg	-58 mg	1100 mg	137 mg	2.05
25 lb	1PJF	372 mg	372 mg	1100 mg	137 mg	2.05
25 lb	1PJG	362 mg	362 mg	1100 mg	137 mg	2.05
25 lb	1PJH	-298 mg	-298 mg	1100 mg	137 mg	2.05
25 lb	1PJJ	142 mg	142 mg	1100 mg	137 mg	2.05
25 lb	1PJM	-563 mg	-8 mg	1100 mg	137 mg	2.05
25 lb	1PJO	232 mg	232 mg	1100 mg	137 mg	2.05
25 lb	1PJP	-1063 mg	57 mg	1100 mg	137 mg	2.05
25 lb	1PJR	-753 mg	67 mg	1100 mg	137 mg	2.05
25 lb	1PJS	127 mg	127 mg	1100 mg	137 mg	2.05
25 lb	1PJT	-1003 mg	27 mg	1100 mg	137 mg	2.05
25 lb	1PJW	-1023 mg	72 mg	1100 mg	137 mg	2.05
25 lb	1PJX	662 mg	662 mg	1100 mg	137 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
 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: K- Scale **Report Number:** MP3728
Mailing Address: 1701 W Madison **Date Received:** 10/02/17
City, State, Zip: Sioux Falls, SD 57104 **Date tested:** 10/02-04/2017
Artifacts Submitted: 25 lb handle weights **Condition of Weights:** GOOD
Temperature (c): 21.5
Test Method Used: SOP 8/ MODIFIED SUB, Jun 2015 **Humidity:** 50.3%
Equipment Used: Mettler KA-30/ Vaisala PTU301 **Pressure (mm/Hg):** 723.1

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

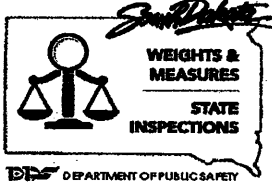
Standards Used: SD Lab Working Standards.

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.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	k
25 lb	1PK4	-718 mg	17 mg	1100 mg	137 mg	2.05
25 lb	1PK5	92 mg	92 mg	1100 mg	137 mg	2.05
25 lb	1PK6	-943 mg	47 mg	1100 mg	137 mg	2.05
25 lb	1PK7	62 mg	62 mg	1100 mg	137 mg	2.05
25 lb	1PK8	-463 mg	-463 mg	1100 mg	137 mg	2.05
25 lb	1PK9	-73 mg	-73 mg	1100 mg	137 mg	2.05
25 lb	1PKD	17 mg	17 mg	1100 mg	137 mg	2.05
25 lb	1PKG	-108 mg	-108 mg	1100 mg	137 mg	2.05
25 lb	1PKH	-53 mg	-53 mg	1100 mg	137 mg	2.05
25 lb	1PKH	-148 mg	-148 mg	1100 mg	137 mg	2.05
25 lb	1PKJ	-583 mg	27 mg	1100 mg	137 mg	2.05
25 lb	1PKK	92 mg	92 mg	1100 mg	137 mg	2.05
25 lb	1PKM	112 mg	112 mg	1100 mg	137 mg	2.05
25 lb	1PKO	107 mg	107 mg	1100 mg	137 mg	2.05
25 lb	1PUV	152 mg	152 mg	1100 mg	137 mg	2.05
25 lb	1PVL	777 mg	17 mg	1100 mg	137 mg	2.05
25 lb	4PKF	-988 mg	67 mg	1100 mg	137 mg	2.05
25 lb	KS-D2	-503 mg	-503 mg	1100 mg	137 mg	2.05
25 lb	PJC	267 mg	267 mg	1100 mg	137 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
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 Pierre SD 57501

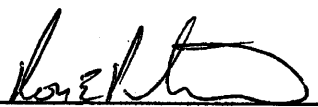
Submitted by: K- Scale Report Number: MP3728
 Mailing Address: 1701 W Madison Date Received: 10/02/17
 City, State, Zip: Sioux Falls, SD 57104 Date tested: 10/02-04/2017
 Artifacts Submitted: Cast weights Condition of Weights: GOOD
 Temperature (c): 21.5
 Test Method Used: SOP 8/ MODIFIED SUB, Jun 2015 Humidity: 50.3%
 Equipment Used: Mettler KA-30/ Vaisala PTU301 Pressure (mm/Hg): 723.1

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

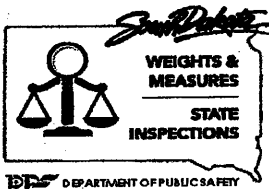
Standards Used: SD Lab Working Standards.

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.

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	k
5 kg	NA	930 mg	60 mg	500 mg	61 mg	2.06
20 kg	NA	2984 mg	69 mg	2000 mg	251 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
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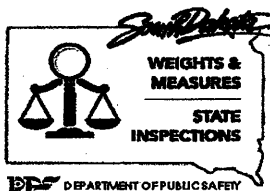
Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	13 piece avoirdupois kit	Condition of Weights:	FAIR
	SN 081500B	Temperature (c):	21.5
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Humidity:	49.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	712

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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
10 lb	KS1	-139 mg	-139 mg	450 mg	55 mg	2.05
10 lb	KS	-118 mg	-118 mg	450 mg	55 mg	2.05
5 lb		31 mg	31 mg	230 mg	28 mg	2.04
1 lb	KS1	-7.4 mg	-7.4 mg	70 mg	8.5 mg	2.04
1 lb	KS3	4.6 mg	4.6 mg	70 mg	8.5 mg	2.04
1 lb	KS4	-8.4 mg	-8.4 mg	70 mg	8.5 mg	2.04
1 lb	KS5	20.6 mg	20.6 mg	70 mg	8.5 mg	2.04
1 lb	KS8	5.6 mg	5.6 mg	70 mg	8.5 mg	2.04
4 oz	KS1	7.4 mg	7.4 mg	23 mg	2.8 mg	2.05
4 oz	KS2	10.6 mg	10.6 mg	23 mg	2.8 mg	2.05
4 oz	KS3	0.2 mg	0.2 mg	23 mg	2.8 mg	2.05
1 oz	8	1.96 mg	1.96 mg	5.4 mg	0.66 mg	2.04
1/2 oz		0.24 mg	0.24 mg	2.8 mg	0.34 mg	2.04


 Ron Peterson, Metrologist

10/05/2017
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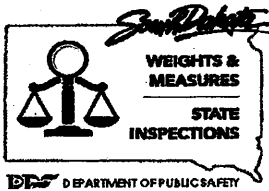
Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	15 piece avoirdupois kit	Condition of Weights:	GOOD
	SN 081500C	Temperature (c):	21.5
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Humidity:	49.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Valsala PTU301	Pressure (mm/Hg):	712

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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
5 lb	9	31 mg	31 mg	230 mg	28 mg	2.04
2 lb	5	15 mg	15 mg	91 mg	11 mg	2.05
2 lb	6	30 mg	30 mg	91 mg	11 mg	2.05
1 lb	4	10.6 mg	10.6 mg	70 mg	8.5 mg	2.04
0.5 lb		4.8 mg	4.8 mg	45 mg	5.6 mg	2.04
0.2 lb	1	8.5 mg	8.5 mg	18 mg	2.3 mg	2.05
0.2 lb	2	8.3 mg	8.3 mg	18 mg	2.3 mg	2.05
0.1 lb		8.6 mg	8.6 mg	9.1 mg	1.1 mg	2.05
0.05 lb		2.33 mg	2.33 mg	4.5 mg	0.55 mg	2.05
0.02 lb		1.41 mg	1.41 mg	1.8 mg	0.22 mg	2.05
0.02 lb		0.87 mg	0.87 mg	1.8 mg	0.22 mg	2.05
0.01 lb		0.86 mg	0.53 mg	1.5 mg	0.19 mg	2.05
0.005 lb		0.48 mg	0.86 mg	1.2 mg	0.19 mg	2.05
0.002 lb		0.87 mg	0.51 mg	0.87 mg	0.11 mg	2.05
0.002 lb		0.04 mg	0.67 mg	0.87 mg	0.11 mg	2.05
0.001 lb		0.07 mg	0.04 mg	0.7 mg	0.10 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
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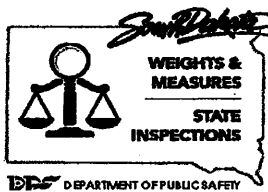
Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	22 piece avoirdupois kit SN 081910A	Condition of Weights:	GOOD
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Temperature (c):	21.5
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Humidity:	49.1
		Pressure (mm/Hg):	712

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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
10 lb		119 mg	119 mg	450 mg	55 mg	2.05
10 lb		129 mg	129 mg	450 mg	55 mg	2.05
5 lb		82 mg	82 mg	230 mg	28 mg	2.04
2 lb		35 mg	35 mg	91 mg	11 mg	2.05
2 lb		29 mg	29 mg	91 mg	11 mg	2.05
1 lb		9.6 mg	9.6 mg	70 mg	8.5 mg	2.04
0.5 lb		11.1 mg	11.1 mg	45 mg	5.6 mg	2.04
0.2 lb		0.6 mg	0.6 mg	18 mg	2.3 mg	2.05
0.2 lb		3.3 mg	3.3 mg	18 mg	2.3 mg	2.05
0.1 lb		3.1 mg	3.1 mg	9.1 mg	1.1 mg	2.05
0.05 lb		1.40 mg	1.40 mg	4.5 mg	0.55 mg	2.05
0.02 lb		0.51 mg	0.51 mg	1.8 mg	0.22 mg	2.05
0.02 lb		0.50 mg	0.50 mg	1.8 mg	0.22 mg	2.05
0.01 lb		0.37 mg	0.37 mg	1.5 mg	0.19 mg	2.05
0.005 lb		0.59 mg	0.59 mg	1.2 mg	0.19 mg	2.05
0.002 lb		0.24 mg	0.24 mg	0.87 mg	0.11 mg	2.05
0.002 lb		0.32 mg	0.32 mg	0.87 mg	0.11 mg	2.05
0.001 lb		0.42 mg	0.42 mg	0.7 mg	0.10 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
 Date of Report

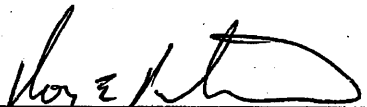


South Dakota Department of Public Safety
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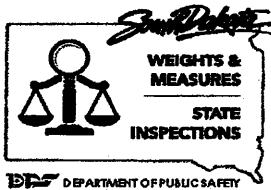
Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	22 piece metric kit SN 080602B	Condition of Weights:	GOOD
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Temperature (c):	21.5
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Humidity:	49.1
		Pressure (mm/Hg):	712

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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
2 kg	1	90 mg	90 mg	200 mg	24 mg	2.05
2 kg	2	92 mg	92 mg	200 mg	24 mg	2.05
2 kg	3	80 mg	80 mg	200 mg	24 mg	2.05
2 kg	4	92 mg	92 mg	200 mg	24 mg	2.05
2 kg	5	76 mg	76 mg	200 mg	24 mg	2.05
1 kg		43 mg	43 mg	100 mg	12 mg	2.05
500 g	1	34.7 mg	34.7 mg	70 mg	8.6 mg	2.05
500 g	2	32.7 mg	32.7 mg	70 mg	8.6 mg	2.05
500 g	3	16.7 mg	16.7 mg	70 mg	8.6 mg	2.05
500 g	4	30.7 mg	30.7 mg	70 mg	8.6 mg	2.05
500 g	5	32.7 mg	32.7 mg	70 mg	8.6 mg	2.05
200 g		13.0 mg	13.0 mg	40 mg	5.0 mg	2.05
200 g		10.8 mg	10.8 mg	40 mg	5.0 mg	2.05
100 g		9.6 mg	9.6 mg	20 mg	2.4 mg	2.05
50 g		4.1 mg	4.1 mg	10 mg	1.2 mg	2.05
20 g		1.24 mg	1.24 mg	4 mg	0.49 mg	2.04
20 g		1.75 mg	1.75 mg	4 mg	0.49 mg	2.04
10 g		0.92 mg	0.92 mg	2 mg	0.25 mg	2.04
5 g		0.86 mg	0.86 mg	1.5 mg	0.39 mg	2.05
2 g		0.53 mg	0.53 mg	1.1 mg	0.14 mg	2.05
2 g		-0.02 mg	-0.02 mg	1.1 mg	0.14 mg	2.05
1 g		-0.44 mg	-0.44 mg	0.9 mg	0.12 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
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 Pierre SD 57501

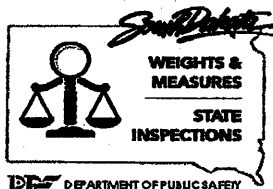
Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	16 piece metric kit	Condition of Weights:	GOOD
	SN 20 BD	Temperature (c):	21.5
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Humidity:	49.1
Equipment Used:	Mettler AX 205 DRV Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	712

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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
5 kg		128 mg	128 mg	500 mg	61 mg	2.06
2 kg		80 mg	80 mg	200 mg	24 mg	2.05
2 kg		86 mg	86 mg	200 mg	24 mg	2.05
1 kg		54 mg	54 mg	100 mg	12 mg	2.05
500 g		24.7 mg	24.7 mg	70 mg	8.6 mg	2.05
200 g		17.7 mg	17.7 mg	40 mg	5.0 mg	2.05
200 g		16.6 mg	16.6 mg	40 mg	5.0 mg	2.05
100 g		1.9 mg	1.9 mg	20 mg	2.4 mg	2.05
50 g		2.7 mg	2.7 mg	10 mg	1.2 mg	2.05
20 g		0.94 mg	0.94 mg	4 mg	0.49 mg	2.04
20 g		0.63 mg	0.63 mg	4 mg	0.49 mg	2.04
10 g		0.64 mg	0.64 mg	2 mg	0.25 mg	2.04
5 g		0.21 mg	0.21 mg	1.5 mg	0.39 mg	2.05
2 g		0.45 mg	0.45 mg	1.1 mg	0.14 mg	2.05
2 g		0.34 mg	0.34 mg	1.1 mg	0.14 mg	2.05
1 g		0.11 mg	0.11 mg	0.9 mg	0.12 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
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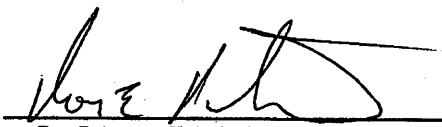


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 Office: 118 West Capitol Avenue Phone: 605-773-3697
 Pierre SD 57501

Submitted by:	K- Scale	Report Number:	MP3728
Mailing Address:	1701 W Madison	Date Received:	10/02/17
City, State, Zip:	Sioux Falls, SD 57104	Date tested:	10/02-04/2017
Artifacts Submitted	14 piece metric kit	Condition of Weights:	GOOD
	SN 01AY	Temperature (c):	21.5
Test Method Used:	SOP 8/ MODIFIED SUB, Jun 2015	Humidity:	49.1
Equipment Used:	Mettler AX 205 DR/ Mettler PR503/ Vaisala PTU301	Pressure (mm/Hg):	712

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.

Nominal	Identifier	Correction As Found	Correction As Left	Tolerance Class F	Uncertainty	k
2 kg		95 mg	95 mg	200 mg	24 mg	2.05
1 kg		44 mg	44 mg	100 mg	12 mg	2.05
500 g		37.5 mg	37.5 mg	70 mg	8.6 mg	2.05
200 g		16.8 mg	16.8 mg	40 mg	5.0 mg	2.05
200 g		16.1 mg	16.1 mg	40 mg	5.0 mg	2.05
100 g		7.3 mg	7.3 mg	20 mg	2.4 mg	2.05
50 g		3.4 mg	3.4 mg	10 mg	1.2 mg	2.05
20 g		1.16 mg	1.16 mg	4 mg	0.49 mg	2.04
20 g		1.03 mg	1.03 mg	4 mg	0.49 mg	2.04
10 g		0.80 mg	0.80 mg	2 mg	0.25 mg	2.04
5 g		0.45 mg	0.45 mg	1.5 mg	0.39 mg	2.05
2 g		0.25 mg	0.25 mg	1.1 mg	0.14 mg	2.05
2 g		0.38 mg	0.38 mg	1.1 mg	0.14 mg	2.05
1 g		-0.51 mg	-0.51 mg	0.9 mg	0.12 mg	2.05


 Ron Peterson, Metrologist

10/05/2017
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United States Department of Commerce
National Institute of Standards and Technology

Certificate of Metrological Traceability For:

South Dakota

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

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

Scope

Mass Echelon III
30 kg to 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



2017

Georgia L. Harris, Acting Chief
NIST Office of Weights and Measures

Effective Dates: 2017-01-01 to 2017-12-31