



**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**

<b>Name of Company</b> Kennedy Scales, Inc	<b>Email Address</b> RBaker@KennedyScales.com	<b>Application Date</b> 12/08/2016	
<b>Mailing Address</b> 11485 Xeon Street NW	<b>City</b> Coon Rapids	<b>State</b> MN	<b>Zip Code</b> 55448
<b>Telephone Number</b> 763-784-1022	<b>Cell Phone Number</b> 612-965-3914	<b>Fax Number</b> 763-784-1206	

Select below all device types your company will certify:

<b>Scales (include maximum capacity, if applicable)</b>	<b>Liquid (include maximum flow rate, if applicable)</b>
<input checked="" type="checkbox"/> 1. Rail <input checked="" type="checkbox"/> 2. Truck <input type="checkbox"/> 3. Livestock <input checked="" type="checkbox"/> 4. Hopper: Max. Capacity: _____ <input 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):

<b>Permit No.</b>	<b>Employee</b>	<b>Device Types Registered to Certify (list using device type numbers from above)</b>
e.g. 1001	e.g. John Doe	e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6
1295	Tim Seifert	Scales 1, 2, 4, 6, 7

3 WM-16-713 Filed: 1/26/2017 Pages: 17  
 Application for permit  
 Kennedy Scales, Inc.

3 WM-16-597 Filed: 1/26/2017 Pages: 17  
 Application for permit  
 Kennedy Scales, Inc.

Application for Registration as a Registered Service Company  
Page 2



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

Class F 25 LB Cast Weight	25121-25160
30 LB Kit Decimal/Fractional	A6
Metric Kit	M6
1000 LB Cast Cube	KSHD 1 – KSHD 18
iffin Weight Cart – 3000 LB	W60885
Class F 50 LB Cast Weight	L1 – L20
Class F 25 LB Cast Weight	TS1 – TS4

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 ROB Baker, 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] 12/8/2014  
Signature

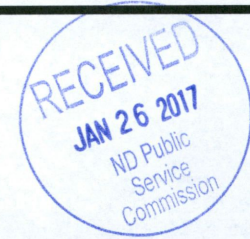
Send Completed Application and Related Documents To:

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

**Bauske, Shelly A.**

---

**From:** Rob Baker <rbaker@kennedyscales.com>  
**Sent:** Thursday, January 26, 2017 11:09 AM  
**To:** Bauske, Shelly A.  
**Subject:** RE: Another Question  
**Attachments:** CCF01262017\_0000.pdf



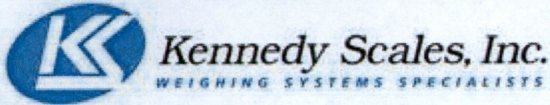
**CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Shelly,

Amended application is attached.

Let's not worry about the weights for Class II right now. I know Tim as some weights to do Class II balances but I don't think the calibration is up to date on them.

**Rob Baker**  
**Service Manager**  
**Office: 763-784-1022**  
**Direct: 763-235-2766**  
**Cell: 612-965-3914**  
**E-Mail: [RBaker@KennedyScales.com](mailto:RBaker@KennedyScales.com)**



---

**From:** Bauske, Shelly A. [<mailto:sbauske@nd.gov>]  
**Sent:** Thursday, January 26, 2017 10:52 AM  
**To:** 'Rob Baker'  
**Subject:** Another Question

Hi Rob

One more question for you. Last year you modified your application to include Class II scales and sent in a certificate for your Class II weight kit. Do you still plan on testing Class II scales? If so, please email me a revised application and include the metrology for your Class II weight kit.

Thank you!

Shelly Bauske  
Public Service Commission  
600 E Boulevard Ave Dept 408  
Bismarck ND 58505-0480  
701-328-4070

701-328-2410 (fax)

[sbauske@nd.gov](mailto:sbauske@nd.gov)

---

This transmission, email and any files transmitted with it, may be: (1) subject to the Attorney-Client Privilege, (2) an attorney work product, or (3) strictly confidential under federal or state law. If you are not the intended recipient of this message, you may not use, disclose, print, copy or disseminate this information. If you have received this transmission in error, notify the sender (only) and delete the message. This message may also be subject to disclosure under the North Dakota Open Records Laws.



**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**

<b>Name of Company</b> Kennedy Scales, Inc	<b>Email Address</b> RBaker@KennedyScales.com	<b>Application Date</b> 12/08/2016	
<b>Mailing Address</b> 11485 Xeon Street NW	<b>City</b> Coon Rapids	<b>State</b> MN	<b>Zip Code</b> 55448
<b>Telephone Number</b> 763-784-1022	<b>Cell Phone Number</b> 612-965-3914	<b>Fax Number</b> 763-784-1206	

Select below all device types your company will certify:

<b>Scales (include maximum capacity, if applicable)</b>	<b>Liquid (include maximum flow rate, if applicable)</b>
<input checked="" type="checkbox"/> 1. Rail <input checked="" type="checkbox"/> 2. Truck <input type="checkbox"/> 3. Livestock <input checked="" type="checkbox"/> 4. Hopper: Max. Capacity: _____ <input 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):

<b>Permit No.</b>	<b>Employee</b>	<b>Device Types Registered to Certify (list using device type numbers from above)</b>
e.g. 1001	e.g. John Doe	e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6
1295	Tim Seifert	Scales 1, 2, 4, 6, 7

Application for Registration as a Registered Service Company  
Page 2



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

Class F 25 LB Cast Weight	25121-25160
30 LB Kit Decimal/Fractional	A6
Metric Kit	M6
1000 LB Cast Cube	KSHD 1 - KSHD 18
iffin Weight Cart - 3000 LB	W60885
Class F 50 LB Cast Weight	L1 - L20
Class F 25 LB Cast Weight	TS1 - TS4

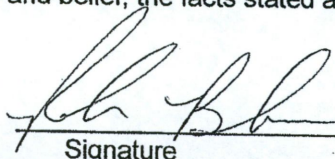
Additional Application Items (initial where appropriate):

Standardized Test Report	<input checked="" 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 ROB Baker, 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.

 12/8/2016  
Signature

Send Completed Application and Related Documents To:

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

North Dakota

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

# SECRETARY OF STATE NORTH DAKOTA

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

## KENNEDY SCALES, INC.

### Corporation Details

**System ID:** 15125100**Phone:** (763) 784-1022**Type:** FOREIGN BUSINESS CORPORATION**Status:** Active & Good Standing**Original File Date:** 11/01/1999**Effective Date:** 11/01/1999**State of Origin:** Minnesota

### Nature of Business

SERVICE &amp; SALES OF WEIGHING EQUIPMENT

### Principal Office

11485 XEON ST NW COON RAPIDS, MN 55448-3150

### Registered Agent

**SEARCH COMPANY OF NORTH DAKOTA LLC**

1709 N 19TH ST STE 3

BISMARCK, ND 58501-2121

Established Date: Jan 24, 2014

### 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](#)

We use Secure Sockets Layer (SSL) encryption technology to ensure your information is secure and protected.

Will open a new window (pop-up).

W3C WAI AA, CSS, XHTML Compliant | Copyright 2006. All Rights Reserved. The State of North Dakota.

Receipt Date: October 20, 2016  
Cal. Date: October 20, 2016  
Report Date: October 20, 2016

Report No.: 336649  
Set Serial No.: W60885  
Barcode: 202397

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: 3000 lb Weight Cart  
Manufacturer: Tiffin  
Weight Type: NA  
Equipment ID: None  
Condition: Good  
Temperature: 21.0 °C  
Pressure: 745.7 mmHg  
Relative Humidity: 42.9 %

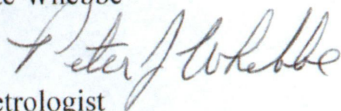


Nominal Value	Serial No.	CM Correction (g)		NIST HB105-8 Tolerance		k	U (g)
		As Found	As Left	As Found	As Left		
3000 lb	W60885	-468	12	*	Meets	2.08	60.

\* Weight(s) as found exceed NIST HB105-8 Class F tolerance.

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The items listed above have been calibrated using the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to NIST Handbook 105-8 (2003). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (k) calculated at the approximate 95.45 % confidence level. Results apply to items identified in this report only.

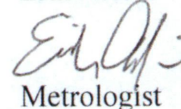
Pete Whebbe



Metrologist

Reviewed by:

Erik Alfvin



Metrologist

Receipt Date: October 19, 2016  
Cal. Date: October 20, 2016  
Report Date: October 20, 2016

Report No.: 336646  
Set Serial No.: KSHD 1 to KSHD 18  
Barcode: 200647

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 11

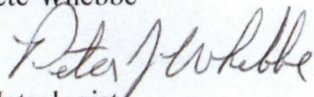
Item(s) Submitted: Cast Cube Weights  
Manufacturer: Toledo  
Weight Type: II  
Equipment ID: None  
Condition: Excellent  
Temperature: 20.7 °C  
Pressure: 745.7 mmHg  
Relative Humidity: 52.2 %



Nominal Value	Serial No.	CM Correction (g)		NIST HB105-1 Class		k	U (g)
		As Found	As Left	As Found	As Left		
1000 lb	KSHD 1	1.8	1.8	F	F	2.01	2.0
1000 lb	KSHD 2	-9.2	-9.2	F	F	2.01	2.0
1000 lb	KSHD 3	-13.2	-13.2	F	F	2.01	2.0
1000 lb	KSHD 4	-21.2	-21.2	F	F	2.01	2.0
1000 lb	KSHD 5	-22.2	-22.2	F	F	2.01	2.0
1000 lb	KSHD 6	4.8	4.8	F	F	2.01	2.0
1000 lb	KSHD 7	3.8	3.8	F	F	2.01	2.0
1000 lb	KSHD 8	3.8	3.8	F	F	2.01	2.0
1000 lb	KSHD 9	-29.2	-29.2	F	F	2.01	2.0
1000 lb	KSHD 10	-3.2	-3.2	F	F	2.01	2.0
1000 lb	KSHD 11	-21.2	-21.2	F	F	2.01	2.0
1000 lb	KSHD 12	-16.2	-16.2	F	F	2.01	2.0
1000 lb	KSHD 13	-13.2	-13.2	F	F	2.01	2.0
1000 lb	KSHD 14	-10.2	-10.2	F	F	2.01	2.0
1000 lb	KSHD 15	7.8	7.8	F	F	2.01	2.0
1000 lb	KSHD 16	0.8	0.8	F	F	2.01	2.0
1000 lb	KSHD 17	-22.2	-22.2	F	F	2.01	2.0
1000 lb	KSHD 18	13.8	13.8	F	F	2.01	2.0

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The items listed above have been calibrated using the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to NIST Handbook 105-1 (1990). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (*k*) calculated at the approximate 95.45 % confidence level. Results apply to items identified in this report only.

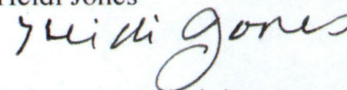
Pete Whebbe



Metrologist

Reviewed by:

Heidi Jones



Laboratory Administrator

Receipt Date: October 20, 2016  
Cal. Date: October 26, 2016  
Report Date: October 26, 2016

Report No.: 336650  
Set Serial No.: L1-L20  
Barcode: 200648

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: Cast Hand Weights  
Manufacturer: Assorted  
Weight Type: II  
Equipment ID: None  
Condition: Good  
Temperature: 20.3 °C  
Pressure: 740.2 mmHg  
Relative Humidity: 53.6 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
50 lb	L1	1720	1720	F	F	2.01	120
50 lb	L2	3060	300	*	F	2.01	120
50 lb	L3	3380	500	*	F	2.01	120
50 lb	L4	1490	1490	F	F	2.01	120
50 lb	L5	3410	270	*	F	2.01	120
50 lb	L6	3710	400	*	F	2.01	120
50 lb	L7	3240	440	*	F	2.01	120
50 lb	L8	2670	490	*	F	2.01	120
50 lb	L9	3650	-10	*	F	2.01	120
50 lb	L10	3250	180	*	F	2.01	120
50 lb	L11	2410	10	*	F	2.01	120
50 lb	L12	3770	890	*	F	2.01	120
50 lb	L13	4620	60	*	F	2.01	120
50 lb	L14	3450	-20	*	F	2.01	120
50 lb	L15	1250	1250	F	F	2.01	120
50 lb	L16	3260	0	*	F	2.01	120
50 lb	L17	2220	470	*	F	2.01	120
50 lb	L18	3710	30	*	F	2.01	120
50 lb	L19	3510	90	*	F	2.01	120
50 lb	L20	2580	-60	*	F	2.01	120

\* Weight(s) as found exceed NIST Class F Tolerance.

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The items listed above have been calibrated using the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to NIST Handbook 105-1 (1990). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (k) calculated at the approximate 95.45 % confidence level. Results apply to items identified in this report only.

Pete Whebbe

*Pete J. Whebbe*  
Metrologist

Reviewed by:

Erik Alfvin  
*Erik Alfvin*  
Metrologist

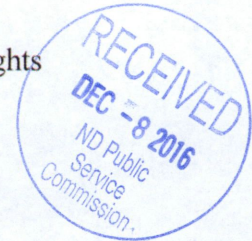
Receipt Date: October 19, 2016  
Cal. Date: October 20, 2016  
Report Date: October 20, 2016

Report No.: 336647  
Set Serial No.: 25121 - 25160  
Barcode: 200651

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: Cast Hand Weights  
Manufacturer: Rice Lake  
Weight Type: II  
Equipment ID: None  
Condition: Excellent  
Temperature: 20.9 °C  
Pressure: 745.7 mmHg  
Relative Humidity: 50.3 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
25 lb	25121	939	939	F	F	2.01	67
25 lb	25122	-501	-21	F	F	2.01	67
25 lb	25123	639	639	F	F	2.01	67
25 lb	25124	79	79	F	F	2.01	67
25 lb	25125	489	489	F	F	2.01	67
25 lb	25126	-1651	139	*	F	2.01	67
25 lb	25127	59	59	F	F	2.01	67
25 lb	25128	889	889	F	F	2.01	67
25 lb	25129	259	259	F	F	2.01	67
25 lb	25130	219	219	F	F	2.01	67
25 lb	25131	1269	29	*	F	2.01	67
25 lb	25132	-81	-81	F	F	2.01	67
25 lb	25133	1039	-21	*	F	2.01	67
25 lb	25134	-291	-291	F	F	2.01	67
25 lb	25135	-681	139	F	F	2.01	67
25 lb	25136	-671	589	F	F	2.01	67
25 lb	25137	169	169	F	F	2.01	67
25 lb	25138	-321	-321	F	F	2.01	67
25 lb	25139	-101	-101	F	F	2.01	67
25 lb	25140	-121	-121	F	F	2.01	67
25 lb	25141	199	199	F	F	2.01	67
25 lb	25142	889	889	F	F	2.01	67
25 lb	25143	599	599	F	F	2.01	67
25 lb	25144	899	899	F	F	2.01	67
25 lb	25145	279	279	F	F	2.01	67
25 lb	25146	189	189	F	F	2.01	67

\* Weight(s) as found exceed NIST HB105-1 Class F tolerance.

Receipt Date: October 19, 2016  
Cal. Date: October 20, 2016  
Report Date: October 20, 2016

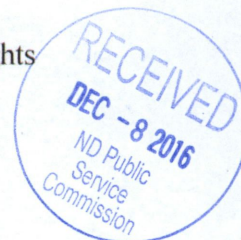
Report No.: 336647  
Set Serial No.: 25121 - 25160  
Barcode: 200651

Continued,

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: Cast Hand Weights  
Manufacturer: Rice Lake  
Weight Type: II  
Equipment ID: None  
Condition: Excellent  
Temperature: 20.9 °C  
Pressure: 745.7 mmHg  
Relative Humidity: 50.3 %

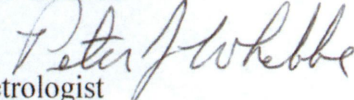


Nominal Value	lb	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
			As Found	As Left	As Found	As Left		
25	lb	25147	609	609	F	F	2.01	67
25	lb	25148	799	799	F	F	2.01	67
25	lb	25149	709	709	F	F	2.01	67
25	lb	25150	119	119	F	F	2.01	67
25	lb	25151	669	669	F	F	2.01	67
25	lb	25152	1339	49	*	F	2.01	67
25	lb	25153	959	959	F	F	2.01	67
25	lb	25154	-501	629	F	F	2.01	67
25	lb	25155	-611	289	F	F	2.01	67
25	lb	25156	39	39	F	F	2.01	67
25	lb	25157	1309	39	*	F	2.01	67
25	lb	25158	899	899	F	F	2.01	67
25	lb	25159	339	339	F	F	2.01	67
25	lb	25160	-941	309	F	F	2.01	67

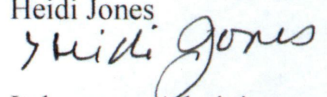
\* Weight(s) as found exceed NIST HB105-1 Class F tolerance.

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The items listed above have been calibrated using the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to NIST Handbook 105-1 (1990). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (*k*) calculated at the approximate 95.45 % confidence level. Results apply to items identified in this report only.

Pete Whebbe

  
Metrologist

Reviewed by:

Heidi Jones  
  
Laboratory Administrator

Traceable Report Number: 2393043  
 Contractor: **KENNEDY SCALES INC**  
 11485 XEON ST NW  
 COON RAPIDS, MN 55448-3150

Purchase Order Number: 1262016MP  
 Client: **TIM SIEFERT**  
 2752 195TH AVE  
 MORA, MN 55051

Date Received: 26 Jan 2016  
 Date Calibrated: 01 Feb 2016  
 Contractor Requested Recall Date: 1 year  
 Temperature Range: 20.14 °C  
 Pressure Range: 729.84 mmHg  
 Relative Humidity Range: 54.09 %  
 Air Density Range: 1.1505 mg/cm<sup>3</sup>  
 NIST Certificate Number: 684/286541-15,684/284451-14  
Although there are two NIST numbers, one or both may apply.  
 Tested By: 22  
 Procedure: Modified Substitution (WI05-0023)  
 Description of Weights: 4-25 lb Cast Iron Grip Handle Weights, NIST Class F



**Conventional Mass Corr.**

Nominal Value	ID	Conventional Mass Corr.				Unc. (mg)	k	Tol.* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm <sup>3</sup> )
		As Found (mg)	As Found In Tol	As Left (mg)	As Left In Tol						
25 lb	6FII	401	Y	401	Y	130	2	1100	620Q	D564Q	7.2
25 lb	6FIJ	431	Y	431	Y	130	2	1100	620Q	D564Q	7.2
25 lb	6FIK	331	Y	331	Y	130	2	1100	620Q	D564Q	7.2
25 lb	6FIL	461	Y	461	Y	130	2	1100	620Q	D564Q	7.2

This report contains data not covered by the NVLAP Accreditation if the box is checked.

Check with your local state agency for certification of compliance on Legal for Trade items.  
 The weight tolerance class is referenced in the Description of Weights. Unless otherwise noted, weights tested meet the requirements of the class.  
 \*The specifications for the weight classes can be found in NIST Handbook 105-1, ASTM E-617 or OIML R111.

Prepared By:  
**Rice Lake Weighing Systems**  
 230 West Coleman Street, Rice Lake, WI 54868 • USA  
 TEL: 715-234-9171 • FAX: 715-234-6967 • [www.ricelake.com](http://www.ricelake.com)  
 An ISO 9001 registered company

Dated 01 Feb 2016

*Dan Demers*  
 Dan Demers, Metrologist

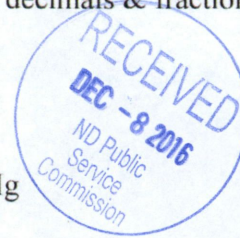
Receipt Date: October 19, 2016  
Cal. Date: October 20, 2016  
Report Date: October 21, 2016

Report No.: 336645  
Set Serial No.: A6  
Barcode: 200640

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 09

Item(s) Submitted: 30 lb kit w/ decimals & fractions  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 21.3 °C  
Pressure: 746.1 mmHg  
Relative Humidity: 41.3 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
10 lb		67	67	F	F	2.02	15
10 lb		144	144	F	F	2.02	15
5 lb		6	6	F	F	2.02	12
1 lb		13.4	13.4	F	F	2.02	2.8
1 lb		16.5	16.5	F	F	2.02	2.8
1 lb		11.5	11.5	F	F	2.02	2.8
1 lb		11.4	11.4	F	F	2.02	2.8
1 lb		1.5	1.5	F	F	2.02	2.8
0.2 lb		7.89	7.89	F	F	2.03	0.37
0.2 lb		-1.56	-1.56	F	F	2.03	0.37
0.1 lb		0.03	0.03	F	F	2.03	0.30
0.05 lb		-0.44	-0.44	F	F	2.03	0.30
0.02 lb		-0.29	-0.29	F	F	2.03	0.16
0.02 lb		-0.62	-0.62	F	F	2.03	0.16
0.01 lb		0.28	0.28	F	F	2.03	0.12

Receipt Date: October 19, 2016  
Cal. Date: October 20, 2016  
Report Date: October 21, 2016

Continued,  
Report No.: 336645  
Set Serial No.: A6  
Barcode: 200640

## Calibration Certificate

KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 09

Item(s) Submitted: 30 lb kit w/ decimals & fractions  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 21.3 °C  
Pressure: 746.1 mmHg  
Relative Humidity: 41.3 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
4 oz		10.85	10.85	F	F	2.00	0.60
4 oz		3.30	3.30	F	F	2.00	0.60
4 oz		9.84	9.84	F	F	2.00	0.60
1 oz		1.47	1.47	F	F	2.00	0.30
1 oz		1.05	1.05	F	F	2.00	0.30
1 oz		1.63	1.63	F	F	2.00	0.30
1/2 oz		1.13	1.13	F	F	2.00	0.24
1/2 oz		1.10	1.10	F	F	2.00	0.24
1/4 oz		0.51	0.51	F	F	2.00	0.12
1/4 oz		0.82	0.82	F	F	2.00	0.12

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The items listed above have been calibrated using the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to NIST Handbook 105-1 (1990). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (k) calculated at the approximate 95.45 % confidence level. Results apply to items identified in this report only.

Heidi Jones  
*Heidi Jones*  
Laboratory Administrator

Reviewed by:  
Pete Whebbe  
*Pete Whebbe*  
Metrologist

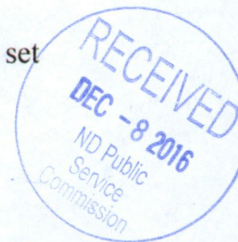
Receipt Date: October 19, 2016  
Cal. Date: October 19, 2016  
Report Date: October 20, 2016

Report No.: 336644  
Set Serial No.: M6  
Barcode: 018947

## Calibration Certificate

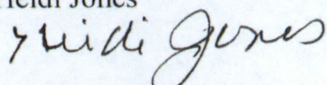
KENNEDY SCALE, INC.  
11485 XEON STREET NW  
COON RAPIDS, MN 55448  
Contact: ROB BAKER  
Phone: 763-784-1022  
PO Number: NONE  
SOP: 8  
Technician ID: 09

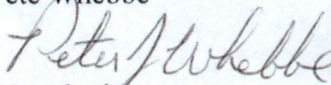
Item(s) Submitted: Metric weight set  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 21.7 °C  
Pressure: 741.5 mmHg  
Relative Humidity: 42.4 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
5000 g		158	158	F	F	2.10	30.
2000 g		65	65	F	F	2.03	12
2000 g		78	78	F	F	2.03	12
1000 g		37.2	37.2	F	F	2.06	7.1
500 g		24.6	24.6	F	F	2.03	4.0
200 g		6.9	6.9	F	F	2.03	1.2
200 g		6.0	6.0	F	F	2.03	1.2
100 g		2.91	2.91	F	F	2.03	0.60
50 g		4.04	4.04	F	F	2.04	0.36
20 g		1.65	1.65	F	F	2.04	0.30
20 g		0.60	0.60	F	F	2.04	0.30
10 g		0.70	0.70	F	F	2.04	0.24
5 g		0.89	0.89	F	F	2.04	0.16
2 g		0.32	0.32	F	F	2.04	0.10
2 g		0.49	0.49	F	F	2.04	0.10
1 g		0.527	0.527	F	F	2.04	0.074

The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The items listed above have been calibrated using the Standards of the State of Minnesota which are currently in control. These standards are traceable to the SI through NIST. Calibration processes were monitored and found to be in control. All of the tolerances and specifications were evaluated according to NIST Handbook 105-1 (1990). Uncertainty calculations contain the components in NIST SOP 8 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (*k*) calculated at the approximate 95.45 % confidence level. Results apply to items identified in this report only.

Heidi Jones  
  
Laboratory Administrator

Reviewed by:  
Pete Whebbe  
  
Metrologist

United States Department of Commerce  
National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Minnesota

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

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

### Scope

<b>Mass Echelon II</b>	Weight Carts	<b>Volume Gravimetric, I</b>
50 kg to 1 mg	10 000 lb to 2000 lb	20 L to 10 mL
1000 lb to 0.001 lb	Wheel Load Weighers	100 gal to 0.25 qt
4 oz to 0.03125 oz	20 000 lb to 2000 lb	<b>Volume Transfer, II</b>
<b>Mass Echelon III</b>	Railroad Test Cars	1500 gal to 5 gal
50 kg to 1 mg	110 000 lb to 80 000 lb	100 gal to 25 gal LPG
5000 lb to 0.001 lb		
4 oz to 0.03125 oz		



2016 to 2017

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

Effective Dates: 2016-01-01 to 2017-12-31