APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY

Public Service Commission
SFN 51277 (2/2014)

RECEIVED
AUG - 2 2018
ND Public Service Commission

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

Name of Company	Email Address	Application Date	
TK Scales & Service	todjo2ndsuperwet.com		
Mailing Address	**City**	**State**	**Zip Code**
~~9101~~ 9101 71st Str. SW	Mott	N.D	58641
Telephone Number	**Cell Phone Number**	**Fax Number**	
701-824-4536	701-260-2459	701-260-4537	

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: _____	☐ 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____
☐ 5. Belt	☐ 5. LPG
☑ 6. Over 30 lbs.: Max. Capacity: _____	☐ 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*
		6-2500 lb Weights
		6-500 lb Weights
		4-50 lb Weights
		1-5000 lb test Cart
		1-Satco finish Weight Kit
		14-counter Weights for Weight Cart

Continued on Page 2

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

Additional Application Items (initial where appropriate):

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

Todd E Kaufman
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

SP SPECIALTY PRODUCTS, INC.
Electronic Scale and Labeling Systems

Phone: 701-328-4070

August 7th, 2018

Shelly Bauske
Public Service Commission
600 E. Boulevard Ave.
Bismarck, N.D. 58505

Re: TK Scales - Mott, N.D.

Dear Shelly:

You have asked me to write a report regarding my scale experiences with Todd Kautzman of TK Scales in Mott, N.D. Well here goes.

Over 9 years ago, Todd bought a 70'x11' Weigh-Tronix scale from Specialty Products. It was my first meeting with him. Since that time he has maintained his scale above and below the ground with the exception of calibrateable functions. His primary job then was selling farm chemical and fertilizer to the general public. He has since sold the business end (but not the buildings & equipment) to another company. Before this, he was a service agent for Melroe Bobcat and his previous background was dealing directly with equipment maintainance. About a year ago, I asked him if he might be interested in getting involved in scale sales and service. He thought it was a great idea and has spent the last 6 months outfitting a test truck and contacting potential south west customers regarding business possibilities. I have spent several weeks with him and provided test reports for him on scales that we serviced together to give him an idea of the work involved. We just installed together a 93'x11' scale for Arrow K Farms at Belfield, N.D. Currently, we are scheduling him for factory service schools from various manufactures. As you know, scale men learn as they go and evey day is a new learning experience. Todd is physically positioned to provide you with coverage in an area not

SP Specialty Products
1357 N 5th Street
Fargo, ND 58102
(701) 235-2996 · FAX (701) 235-9065 · specialtyproducts@hotmail.com

well covered by any "local" scale service organization. He has sons who are coming of age and will grow with him to provide you and the State of North Dakota with a valuable resource in the years to come. He is financially stable and has no qualms about spending the monies needed to be a first class scale company.

I started selling scales over 40 years ago. My only experience was that I was an electronics engineer from NDSU with a desire to make a living in a state where agriculture was king. At the time 95% of all scales sold were mechanical and the director of N.D. Weights & Measures (Aden Helgeson) was considering writing a letter forbidding the sale of any more electronic scales because they didn't work as promised. Problem was - mine worked - and he never sent the letter. Since then the wheel has turned and you have to look a long way to find any mechanical scales. Todd is me 40 years later. 95% of this business is common sense and the other 5% is up to you with regulations that guide the appropiate use of todays weighing technology. I know that Todd is up to the challenge and depend on you to assist him just as your department did me. Your help and encouragement is much appreciated.

Regards,

Phil McIntyre

Phil McIntyre

APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY

Public Service Commission
SFN 51277 (2/2014)

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

Name of Company	Email Address	Application Date	
TK Scales and Service	todjo@ndsupernet.com		
Mailing Address	**City**	**State**	**Zip Code**
7079 Hwy 8	Mott	N.D	58646
Telephone Number	**Cell Phone Number**	**Fax Number**	
701-824-2201	701-260-2458		

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: _____	☐ 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____
☐ 5. Belt	☐ 5. LPG
☐ 6. Over 30 lbs.: Max. Capacity: _____	☐ 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*

Continued on Page 2

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

Additional Application Items (initial where appropriate):

Standardized Test Report	_____ Copy enclosed _____ No change in report filed previously
Tested and Approved Sticker	_____ Copy enclosed _____ No change in sticker filed previously
Photocopy of Crimped Lead Wire Seal	_____ Copy enclosed _____ 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 Todd E. Kautzmen, 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.

Todd E Kautzmen
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

State of North Dakota

SECRETARY OF STATE

CERTIFICATE OF ORGANIZATION
OF

TK SCALES AND SERVICE LLC
Secretary of State ID#: 42,668,800

The undersigned, as Secretary of State of the State of North Dakota, hereby certifies that Articles of Organization for

TK SCALES AND SERVICE LLC

duly signed and executed pursuant to the provisions governing a North Dakota LIMITED LIABILITY COMPANY, have been received in this office and are found to conform to law.

ACCORDINGLY the undersigned, as such Secretary of State, and by virtue of the authority vested in him by law, hereby issues this Certificate of Organization to

TK SCALES AND SERVICE LLC

Effective date of organization: February 28, 2017

Issued: February 28, 2017

Alvin A. Jaeger
Secretary of State

North Dakota nd.gov Official Portal for North Dakota State Government

SECRETARY OF STATE
NORTH DAKOTA

Home | Business Records Search

TK SCALES AND SERVICE LLC

Corporation Details

System ID: 42668800
Type: LIMITED LIABILITY COMPANY
Status: Active & Good Standing
Original File Date: 02/28/2017
State of Origin: North Dakota

Phone: Not on file
Effective Date: 02/28/2017

Nature of Business

SELLING/SERVICING & INSTALLING ALL TYPES OF SCALES

Principal Office

7079 HIGHWAY 8 MOTT, ND 58646-8803

Registered Agent

TODD E KAUTZMAN
7079 HIGHWAY 8
MOTT, ND 58646-8803
Established Date: Feb 28, 2017

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

West Virginia Division of Labor
Weights And Measures
State Measurement Laboratory
Calibration Certificate

The equipment described in this report has been compared to the standards of the State of West Virginia, and found to comply with the specifications and tolerances listed in NIST Publications. The standards of the State of West Virginia are traceable to the National Institute of Standards and Technology.

Standard(s) Information

COUNT:	EQUIPMENT TYPE:	DESCRIPTION:	STANDARD:
1	Weight Cart	Tiffin/ 5000 lb	105-8

SERIAL # OR ID:
1341195

CONDITIONS OF THIS CALIBRATION:
Model: Tiffin, Gas Level: Set at zero mark, State Seal: 342184, Hydraulic Seal: 1480384, Weight Chamber: 1480837, Weight Chamber Bolt: 1480411, Battery: 1480428, 1480464, Gas: 1480829

COMPANY ID: i364

COMPANY NAME: TK Scales and Service

Address: 9101 71st Street SW

City: Mott

State: ND **Zip:** 58646

Contact:

This Certificate of Calibration Expires 1 year(s) from Friday, March 09, 2018

IMPORTANT NOTE !
All equipment used as standards must be maintained in a clean and rust free condition, protected from any environmental factors which could affect the calibration. Any Weights and Measures seals attached to this equipment must remain intact. If these conditions are not met during the certification period of the standards listed above, this report is invalid.

Calibration By TO/BF Test Number Mb-0303-18

Metrologist Anthony O'Brien

West Virginia Div. of Labor, WM Section, Metrology Laboratory 570 McCorkle Ave, St. Albans, WV 25177 Phone 304-722-0602 Fax 304-722-0605

West Virginia Division of Labor
Weights And Measures
State Measurement Laboratory
Calibration Certificate

The equipment described in this report has been compared to the standards of the State of West Virginia, and found to comply with the specifications and tolerances listed in NIST Publications. The standards of the State of West Virginia are traceable to the National Institute of Standards and Technology.

Standard(s) Information

COUNT:	EQUIPMENT TYPE:	DESCRIPTION:	STANDARD:
1	Weight Cart	Tiffin/ 5000 lb	105-8

SERIAL # OR ID:
1341195

CONDITIONS OF THIS CALIBRATION:
Model: Tiffin, Gas Level: Set at zero mark, State Seal: 342184, Hydraulic Seal: 1480384, Weight Chamber: 1480837, Weight Chamber Bolt: 1480411, Battery: 1480428, 1480464, Gas: 1480829

COMPANY ID: i364

COMPANY NAME: TK Scales and Service

Address: 9101 71st Street SW

City: Mott

State: ND **Zip:** 58646

Contact:

This Certificate of Calibration Expires year(s) from Friday, March 09, 2018

IMPORTANT NOTE !
All equipment used as standards must be maintained in a clean and rust free condition, protected from any environmental factors which could affect the calibration. Any Weights and Measures seals attached to this equipment must remain intact. If these conditions are not met during the certification period of the standards listed above, this report is invalid.

Calibration By TO/BF Test Number Mb-0303-18

Metrologist Anthony O'Brien

West Virginia Div. of Labor, WM Section, Metrology Laboratory 570 McCorkle Ave, St. Albans, WV 25177 Phone 304-722-0602 Fax 304-722-0605

West Virginia Weights & Measures

Metrology Laboratory
(304) 722-0602 570 MacCorkle Ave St Albans, WV 25177 (304) 722-0605 Fax
www.wvlabor.org

Certificate of Calibration

Company Name:	**TK Scales and Service**		**Temperature:**	**21.1**	**° C**
Date of Test:	**3/9/2018**		**Humidity (RH):**	**40.2**	**%**
Nominal Weight:	**5000**	**lb**	**Test #**	**Mb-0303-18**	

Serial Number	Nominal Value (lb)	As Found (lb)	As Left (lb)	Adjust	Uncertainty (lb)
1341195	5000	4998.0	5000.1	Y	0.21

SEALS

State Seal:	342184	Weight Chamber Seal:		1480837
Gas Seal:	1480829	Chamber Bolt Seal:		1480411
Hydraulic Seal:	1480384	Battery Seal:	1480428	1480464

TRACEABILITY STATEMENT

The equipment described in this report has been compared to the standards of the State of West Virginia. The standards of the State of West Virginia are traceable to the SI through the National Institute of Standards and Technology. For conversions to the SI units, please refer to NISTSP 811: 2008 Edition.
(ref. NC State Lab Cert. **#NC1611-010-PC**)

UNCERTAINTY STATEMENT

The combined standard uncertainty includes the standard uncertainty reported for the standard, the standard deviation of the process, the uncertainty of the sensitivity weight and a value of 2% of the tolerance for blanace sensitivity . A value of 10 % of the nominal tolerance was also used to account for uncertainty associated with balance drift. Air buoyancy was considered negligible and was not inlcuded. The combined standard uncertainty is multiplied by a coverage factor ***(k=2.01)*** to provide an expanded uncertainty, which defines an interval having a level of confidence of approximately 95 %. 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 as appropriate for each measurement type.

CONDITION OF ARTIFACTS

AMMENDMENTS

PROCEDURE USED

SOP 33 - Recommended Standard Operating Procedure for Calibration of Weight Carts from NISTIR 6969 2014 Edition

METROLOGIST

Anthony O'Brien

Anthony O'Brien

West Virginia Division of Labor
Weights And Measures
State Measurement Laboratory
Calibration Certificate

The equipment described in this report has been compared to the standards of the State of West Virginia, and found to comply with the specifications and tolerances listed in NIST Publications. The standards of the State of West Virginia are traceable to the National Institute of Standards and Technology.

Standard(s) Information

COUNT:	EQUIPMENT TYPE:	DESCRIPTION:	STANDARD:
14	Weight < 20 lb	Rice Lake/ 8 oz	F

SERIAL # OR ID:
1 thru 14

CONDITIONS OF THIS CALIBRATION:
counter weights for weight cart s/n: 1341195

COMPANY ID: i364

COMPANY NAME: TK Scales and Service

Address: 9101 71st Street SW

City: Mott

State: ND **Zip:** 58646

Contact:

This Certificate of Calibration Expires 1 year(s) from Friday, March 09, 2018

IMPORTANT NOTE !

All equipment used as standards must be maintained in a clean and rust free condition, protected from any environmental factors which could affect the calibration. Any Weights and Measures seals attached to this equipment must remain intact. If these conditions are not met during the certification period of the standards listed above, this report is invalid.

Calibration By BF Test Number Mc-0304-18

Metrologist Anthony O'Brien

West Virginia Div. of Labor, WM Section, Metrology Laboratory 570 McCorkle Ave, St. Albans, WV 25177 Phone 304-722-0602 Fax 304-722-0605

West Virginia Division of Labor
Weights And Measures
State Measurement Laboratory
Calibration Certificate

The equipment described in this report has been compared to the standards of the State of West Virginia, and found to comply with the specifications and tolerances listed in NIST Publications. The standards of the State of West Virginia are traceable to the National Institute of Standards and Technology.

Standard(s) Information

COUNT:	EQUIPMENT TYPE:	DESCRIPTION:	STANDARD:
14	Weight < 20 lb	Rice Lake/ 8 oz	F

SERIAL # OR ID:
1 thru 14

CONDITIONS OF THIS CALIBRATION:
counter weights for weight cart s/n: 1341195

COMPANY ID: i364

COMPANY NAME: TK Scales and Service

Address: 9101 71st Street SW

City: Mott

State: ND **Zip:** 58646

Contact:

This Certificate of Calibration Expires year(s) from Friday, March 09, 2018

IMPORTANT NOTE !

All equipment used as standards must be maintained in a clean and rust free condition, protected from any environmental factors which could affect the calibration. Any Weights and Measures seals attached to this equipment must remain intact. If these conditions are not met during the certification period of the standards listed above, this report is invalid.

Calibration By BF Test Number Mc-0304-18

Metrologist Anthony OBrien

West Virginia Div. of Labor, WM Section, Metrology Laboratory 570 McCorkle Ave, St. Albans, WV 25177 Phone 304-722-0602 Fax 304-722-0605

West Virginia Weights & Measures

Metrology Laboratory
(304) 722-0602 570 MacCorkle Ave St Albans, WV 25177 (304) 722-0605 Fax
www.wvlabor.org

Certificate of Calibration

Customer Name: Marsha King

Company Name: TK Scales and Service
Address: 9101 71st Street SW
Mott, ND 58646

ID: i364

Test # Mc-0304-18

Test Date: 3/12/2018
Tested By: BF

Serial # A thru N

Serial Number	Nominal Value	As Found (g/mg)	As Left (g/mg)	Adjust	Uncertainty (g/mg)	*k* Factor
A	0.5 lb	0.0136	0.0136	N	0.0055	2.05
B	0.5 lb	0.0096	0.0096	N	0.0055	2.05
C	0.5 lb	0.0126	0.0126	N	0.0055	2.05
D	0.5 lb	0.0115	0.0115	N	0.0055	2.05
E	0.5 lb	0.0176	0.0176	N	0.0055	2.05
F	0.5 lb	0.0168	0.0168	N	0.0055	2.05
G	0.5 lb	0.0166	0.0166	N	0.0055	2.05
H	0.5 lb	0.0099	0.0099	N	0.0055	2.05
I	0.5 lb	0.0137	0.0137	N	0.0055	2.05
J	0.5 lb	0.0204	0.0204	N	0.0055	2.05
K	0.5 lb	0.0173	0.0173	N	0.0055	2.05
L	0.5 lb	0.0233	0.0233	N	0.0055	2.05
M	0.5 lb	0.0120	0.0120	N	0.0055	2.05
N	0.5 lb	0.0259	0.0259	N	0.0055	2.05

West Virginia Weights & Measures
Metrology Laboratory
(304) 722-0602 570 MacCorkle Ave St Albans, WV 25177 (304) 722-0605 Fax
www.wvlabor.org

Certificate of Calibration

Test #: Mc-0304-18

TRACEABILITY STATEMENT

The equipment described in this report has been compared to the standards of the State of West Virginia. The standards of the State of West Virginia are traceable to the SI through the National Institute of Standards and Technology. For conversions to the SI unit, please refer to NIST SP 811: 2008 Edition
(ref. NC State Lab Cert. **# NC1611-010-PC**, PA State Lab Cert. **# 16464** and SC State Lab Cert. **# SC140829-5-14**)

UNCERTAINTY STATEMENT

The combined standard uncertainty includes the standard uncertainty reported for the standard, the standard deviation of the process the uncertainty associated with bias and a value for 2% of the tolerance for blanace sensitivity,. A value of 10 % of the nominal tolerance was also used to account for uncertainty associated with balance drift. Air buoyancy was considered negligible and was not inlcuded. 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 %. 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 as appropriate for each measurement type.

k found in table with measurement results

CONDITION OF ARTIFACTS

AMMENDMENTS

PROCEDURE USED

NIST SOP 8 - Recommended Standard Operating Procedure for Medium Accuracy Calibration of Mass Standards by Modified Substitution from NISTIR 6969: 2014 Edition

ENVIRONMENTAL CONDITIONS

TEMPERATURE	RELATIVE HUMIDITY
20.4 °C	50.6 %

DATE RECEIVED: 3/8/2018

DATE TESTED: 3/12/2018

DATE OF REPORT: 3/12/2018

TEST PERFORMED BY: Anthony O'Brien
METROLOGIST

TEST APPROVED BY: Anthony O'Brien
METROLOGIST


DO NOT STACK
KEEP DRY
FRAGILE
S/N
1341195

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

West Virginia

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.

2018

Scope

Mass Echelon III

25 kg to 1 mg

1000 lb to 0.001 lb

4 oz to 0.03125 oz

Weight Carts

5000 lb to 3000 lb

Volume Transfer, II

1000 gal to 5 gal

100 gal to 25 gal LPG

Douglas A. Olson

Douglas A. Olson, Chief
NIST Office of Weights and Measures

Effective Dates: 2018-01-01 to 2018-12-31

(Rev.: March 2013)

RICE LAKE Certificate of Weight Calibration

ANSI/NCSL Z540-1-1994; Part 1 & ISO/IEC 17025:2005 Accredited

Traceable Certificate Number: 2717600
Contractor: TK SCALES & SERVICE
9101 71ST ST NW
MOTT, ND 58644

Purchase Order Number:
Client: TK SCALES & SERVICE
9101 71ST ST NW
MOTT, ND 58644

Traceable to the SI through the National Institute of Standards and Technology
TMAP
RICE LAKE WEIGHING SYSTEMS

RECEIVED
MAY 22 2018
ND Public Service Commission

Date Received: 20 Mar 2018
Date Calibrated: 24 Apr 2018 to 04 May 2018
Recall Date: 24 Apr 2019
Temperature Range: 20.31 °C to 22.09 °C
Pressure Range: 727.84 mmHg to 735.41 mmHg
Relative Humidity Range: 48 % to 53 %
Air Density Range: 1.1454 mg/cm^3 to 1.1554 mg/cm^3
NIST Certificate Number: 684/286541-15 & 684/290551-18
Although there are two NIST numbers, one or both may apply
Calibrated By: 28
Procedure: Inter-comparison Method (WI05-0023, WI05-0094, WI05-0092)
Condition of Weights: New
Description of Weights: 50 lb to 2500 lb Cast Iron Grip Handle Weights, NIST Class F

Nominal Value	ID or S/N	As Found Conv. Mass	As Found Conv. Mass Corr (mg)	As Found MPE Pass	As Left Conv. Mass	As Left Conv. Mass Corr (mg)	As Left MPE Pass	Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm^3)
50 lb	7IV2	50.00149	676	Y	**50.00149**	**676**	Y	270	2	2300	1630Q	D564Q	7.20
50 lb	7IV3	50.00160	726	Y	**50.00160**	**726**	Y	270	2	2300	1630Q	D564Q	7.20
50 lb	7IV4	50.00149	676	Y	**50.00149**	**676**	Y	270	2	2300	1630Q	D564Q	7.20
50 lb	7IV5	50.00187	846	Y	**50.00187**	**846**	Y	270	2	2300	1630Q	D564Q	7.20
500 lb	7IV6	500.0132	5975	Y	**500.0132**	**5975**	Y	3500	2	23000	851Q	1095Q	7.20
500 lb	7IV7	500.0103	4675	Y	**500.0103**	**4675**	Y	3500	2	23000	851Q	1095Q	7.20
500 lb	7IV8	500.0160	7275	Y	**500.0160**	**7275**	Y	3500	2	23000	851Q	1095Q	7.20
500 lb	7IV9	500.0044	1974	Y	**500.0044**	**1974**	Y	3500	2	23000	851Q	1095Q	7.20
500 lb	7IVA	500.0198	8975	Y	**500.0198**	**8975**	Y	3500	2	23000	851Q	1095Q	7.20
500 lb	7IVB	500.0077	3480	Y	**500.0077**	**3480**	Y	3500	2	23000	851Q	1095Q	7.20
2500 lb	7IVC	2500.017	7670	Y	**2500.017**	**7670**	Y	11000	2	110000	851Q	1095Q	7.20
2500 lb	7IVD	2500.054	24673	Y	**2500.054**	**24673**	Y	11000	2	110000	851Q	1095Q	7.20
2500 lb	7IVE	2500.008	3670	Y	**2500.008**	**3670**	Y	11000	2	110000	851Q	1095Q	7.20
2500 lb	7IVF	2500.065	29673	Y	**2500.065**	**29673**	Y	11000	2	110000	851Q	1095Q	7.20
2500 lb	7IVG	2500.032	14671	Y	**2500.032**	**14671**	Y	11000	2	110000	851Q	1095Q	7.20
2500 lb	7IVH	2500.046	20672	Y	**2500.046**	**20672**	Y	11000	2	110000	851Q	1095Q	7.20

☐ 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 accuracy class is referenced in the Description of Weights. Unless otherwise noted, the weights calibrated meet the requirements of the accuracy class. The Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (1990), ASTM E617-13 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Prepared By:
Rice Lake Weighing Systems
230 West Coleman Street, Rice Lake, WI 54868 • USA • PN 64787 • 3/18
TEL: 715-234-9171 • FAX: 715-234-6967 • **www.ricelake.com**
Definitions: http://certs.ricelake.com/certs/DefinitionsV2.docx

Dated 04 May 2018

Dan Demers, Metrologist

NVLAP CALIBRATION NVLAP LAB CODE 105001-0 ilac-MRA

ilac-MRA A2LA ACCREDITED Certificate #4363.01

RICE LAKE Certificate of Weight Calibration

ANSI/NCSL Z540-1-1994; Part 1 & ISO/IEC 17025:2005 Accredited

Traceable Certificate Number: 2717600A
Contractor: TK SCALES & SERVICE
9101 71ST ST NW
MOTT, ND 58644

Purchase Order Number:
Client: TK SCALES & SERVICE
9101 71ST ST NW
MOTT, ND 58644

Traceable to the SI through the National Institute of Standards and Technology
TMAP
RICE LAKE WEIGHING SYSTEMS

RECEIVED
MAY 22 2018
ND Public Service Commission

Date Received: 20 Mar 2018
Date Calibrated: 04 May 2018
Recall Date: 04 May 2019
Temperature Range: 21.79 °C to 22.29 °C
Pressure Range: 729.07 mmHg to 729.59 mmHg
Relative Humidity Range: 47 % to 52 %
Air Density Range: 1.1407 mg/cm^3 to 1.1436 mg/cm^3
NIST Certificate Number: 684/286541-15
Although there are two NIST numbers, one or both may apply
Calibrated By: 28
Procedure: Inter-comparison Method (WI05-0023)
Condition of Weights: New
Description of Weights: 1 mg to 5 kg Satin Finish Weight Set, NIST Class F, S/N 7IVI

Nominal Value	ID or S/N	As Found Conv. Mass	As Found Conv. Mass Corr (mg)	As Found MPE Pass	As Left Conv. Mass	As Left Conv. Mass Corr (mg)	As Left MPE Pass	Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm^3)
50 g		50.0040	4.0	Y	**50.0040**	**4.0**	Y	1.2	2	10	1813Q	D563Q	7.84
100 g		100.0078	7.8	Y	**100.0078**	**7.8**	Y	2.4	2	20	1813Q	D563Q	7.84
200 g	A	200.0081	8.1	Y	**200.0081**	**8.1**	Y	4.8	2	40	1813Q	D563Q	7.84
200 g	B	200.0103	10.3	Y	**200.0103**	**10.3**	Y	4.8	2	40	1813Q	D563Q	7.84
500 g	A	500.0120	12.0	Y	**500.0120**	**12.0**	Y	8.4	2	70	1808Q	D563Q	7.84
500 g	B	500.0163	16.3	Y	**500.0163**	**16.3**	Y	8.4	2	70	1808Q	D563Q	7.84
500 g	C	500.0255	25.5	Y	**500.0255**	**25.5**	Y	8.4	2	70	1808Q	D563Q	7.84
500 g	D	500.0211	21.1	Y	**500.0211**	**21.1**	Y	8.4	2	70	1808Q	D563Q	7.84
500 g	E	500.0133	13.3	Y	**500.0133**	**13.3**	Y	8.4	2	70	1808Q	D563Q	7.84
1 kg		1.000025	25	Y	**1.000025**	**25**	Y	12	2	100	1808Q	D563Q	7.84
2 kg		2.000078	78	Y	**2.000078**	**78**	Y	24	2	200	1808Q	D563Q	7.84
2 kg	.	2.000050	50	Y	**2.000050**	**50**	Y	24	2	200	1808Q	D563Q	7.84
5 kg	A	5.000163	163	Y	**5.000163**	**163**	Y	59	2	500	1808Q	D563Q	7.84
5 kg	B	5.000157	157	Y	**5.000157**	**157**	Y	59	2	500	1808Q	D563Q	7.84

☐ 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 accuracy class is referenced in the Description of Weights. Unless otherwise noted, the weights calibrated meet the requirements of the accuracy class. The Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (1990), ASTM E617-13 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Prepared By:
Rice Lake Weighing Systems
230 West Coleman Street, Rice Lake, WI 54868 • USA • PN 64787 • 3/18
TEL: 715-234-9171 • FAX: 715-234-6967 • **www.ricelake.com**
Definitions: http://certs.ricelake.com/certs/DefinitionsV2.docx

Dated 07 May 2018

Dan Demers, Metrologist

NVLAP CALIBRATION NVLAP LAB CODE 105001-0 ilac-MRA

The Uncertainty assigned to the Conventional Mass values are the result of the root-sum-square of the type A and type B components, calculated in accordance with NIST SOP 29 and ISO GUM, with a coverage factor (k), to express the expanded uncertainty with an approximate 95.45 % confidence level. This Report is not to be used to claim product certification, approval, or endorsement by NVLAP, NIST, A2LA or any agency of the U.S. Government. This document shall not be reproduced, except in full, without the written approval of Rice Lake Weighing Systems' Metrology Laboratory.

ilac-MRA A2LA ACCREDITED Certificate #4363.01

RICE LAKE Certificate of Weight Calibration

ANSI/NCSL Z540-1-1994; Part 1 & ISO/IEC 17025:2005 Accredited

Traceable Certificate Number: 2717600A
Contractor: TK SCALES & SERVICE
9101 71ST ST NW
MOTT, ND 58644

Purchase Order Number:
Client: TK SCALES & SERVICE
9101 71ST ST NW
MOTT, ND 58644

Date Received: 20 Mar 2018
Date Calibrated: 04 May 2018
Recall Date: 04 May 2019
Temperature Range: 21.79 °C to 22.29 °C
Pressure Range: 729.07 mmHg to 729.59 mmHg
Relative Humidity Range: 47 % to 52 %
Air Density Range: 1.1407 mg/cm^3 to 1.1436 mg/cm^3
NIST Certificate Number: 684/286541-15
Although there are two NIST numbers, one or both may apply
Calibrated By: 28
Procedure: Inter-comparison Method (WI05-0023)
Condition of Weights: New
Description of Weights: 1 mg to 5 kg Satin Finish Weight Set, NIST Class F, S/N 7IVI

Traceable to the SI through the National Institute of Standards and Technology
TMAP
RICE LAKE WEIGHING SYSTEMS

RECEIVED
MAY 22 2018
ND Public Service Commission

Nominal Value	ID or S/N	As Found Conv. Mass	As Found Conv. Mass Corr (mg)	As Found MPE Pass	As Left Conv. Mass	As Left Conv. Mass Corr (mg)	As Left MPE Pass	Unc. (mg)	k	MPE* (mg)	Balance Used	Standard Set Used	Assumed Density (g/cm^3)
1 mg		1.022	0.022	Y	**1.022**	**0.022**	Y	0.012	2	0.10	1605Q	T535Q	7.95
2 mg		2.021	0.021	Y	**2.021**	**0.021**	Y	0.014	2	0.12	1605Q	T535Q	7.95
2 mg .		2.027	0.027	Y	**2.027**	**0.027**	Y	0.014	2	0.12	1605Q	T535Q	7.95
5 mg		5.052	0.052	Y	**5.052**	**0.052**	Y	0.020	2	0.17	1605Q	T535Q	7.95
10 mg		10.078	0.078	Y	**10.078**	**0.078**	Y	0.025	2	0.21	1605Q	T535Q	7.95
20 mg		20.106	0.106	Y	**20.106**	**0.106**	Y	0.031	2	0.26	1605Q	T535Q	7.95
20 mg .		20.061	0.061	Y	**20.061**	**0.061**	Y	0.031	2	0.26	1605Q	T535Q	7.95
50 mg		50.127	0.127	Y	**50.127**	**0.127**	Y	0.041	2	0.35	1605Q	T535Q	7.95
100 mg		100.070	0.070	Y	**100.070**	**0.070**	Y	0.051	2	0.43	1605Q	T535Q	7.95
200 mg		200.163	0.163	Y	**200.163**	**0.163**	Y	0.064	2	0.54	1605Q	T535Q	7.95
200 mg .		200.097	0.097	Y	**200.097**	**0.097**	Y	0.064	2	0.54	1605Q	T535Q	7.95
500 mg		500.360	0.360	Y	**500.360**	**0.360**	Y	0.085	2	0.72	1605Q	T535Q	7.95
1 g		1.00003	0.03	Y	**1.00003**	**0.03**	Y	0.12	2	0.90	1761Q	D563Q	7.84
2 g		2.00008	0.08	Y	**2.00008**	**0.08**	Y	0.14	2	1.1	1761Q	D563Q	7.84
2 g .		2.00031	0.31	Y	**2.00031**	**0.31**	Y	0.14	2	1.1	1761Q	D563Q	7.84
5 g		5.00053	0.53	Y	**5.00053**	**0.53**	Y	0.18	2	1.5	1761Q	D563Q	7.84
10 g		10.00058	0.58	Y	**10.00058**	**0.58**	Y	0.24	2	2.0	1761Q	D563Q	7.84
20 g		20.00147	1.47	Y	**20.00147**	**1.47**	Y	0.50	2	4.0	1813Q	D563Q	7.84
20 g .		20.00127	1.27	Y	**20.00127**	**1.27**	Y	0.50	2	4.0	1813Q	D563Q	7.84

☐ 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 accuracy class is referenced in the Description of Weights. Unless otherwise noted, the weights calibrated meet the requirements of the accuracy class. The Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (1990), ASTM E617-13 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

Prepared By:
Rice Lake Weighing Systems
230 West Coleman Street, Rice Lake, WI 54868 • USA • PN 64787 • 3/18
TEL: 715-234-9171 • FAX: 715-234-6967 • **www.ricelake.com**
Definitions: http://certs.ricelake.com/certs/DefinitionsV2.docx

Dated 07 May 2018

Dan Demers, Metrologist

NVLAP CALIBRATION NVLAP LAB CODE 105001-0 ilac-MRA

ilac-MRA A2LA ACCREDITED Certificate #4363.01

We specialize in Weigh-Tronix Scales
Service - Sales - Certification
Large Truck Scales - Hopper Scales
Livestock Scales - Postage Scales
Dockage Scales

701.260.2458
Todd E Kautzman
9101 71st St. SW
Mott, ND 58646

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.

Todd E Kautzman
9101 71st St. SW
Mott, ND 58646
701.260.2458
Scales & Service

TESTED & APPROVED

JAN	FEB	MAR	APR	MAY	JUN
JUL	AUG	SEP	OCT	NOV	DEC
18	19	20	21	22	23