

Receipt Date: November 30, 2016  
Cal. Date: December 1, 2016  
Report Date: December 1, 2016

Report No.: 336848  
Set Serial No.: 031811K  
Barcode: 202171

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: 5000 lb Weight Cart  
Manufacturer: Kanawha  
Weight Type: NA  
Equipment ID: None  
Condition: Fair  
Temperature: 19.4 °C  
Pressure: 734.1 mmHg  
Relative Humidity: 45.7 %



Nominal Value	Serial No.	CM Correction (g)		NIST HB105-8 Tolerance		k	U (g)
		As Found	As Left	As Found	As Left		
5000 lb	031811K	225	225	Meets	Meets	2.09	60.

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

*Pete J. Whebbe*  
Metrologist

Page 1 of 1

Reviewed by:  
Mark Nicollet

*Mark Nicollet*  
Quality Manager

Receipt Date: December 7, 2016  
Cal. Date: December 8, 2016  
Report Date: December 12, 2016

Report No.: 336879  
Set Serial No.: 100512 K  
Barcode: 202170

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: 3000 lb Weight Cart  
Manufacturer: Kanawha  
Weight Type: NA  
Equipment ID: None  
Condition: Good  
Temperature: 18.9 °C  
Pressure: 748.2 mmHg  
Relative Humidity: 44.4 %

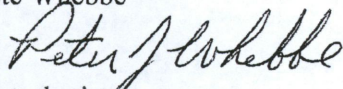


Nominal Value	Serial No.	CM Correction (g)		NIST HB105-8 Tolerance		k	U (g)
		As Found	As Left	As Found	As Left		
3000 lb	100512K	-2888	-18	*	Meets	2.07	60.

\* 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.

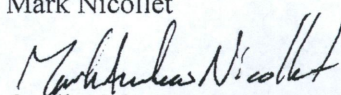
Pete Whebbe



Metrologist

Page 1 of 1

Reviewed by:  
Mark Nicollet



Quality Manager

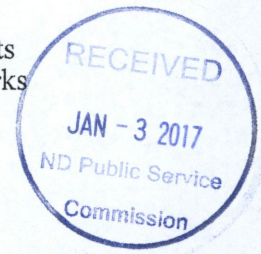
Receipt Date: November 30, 2016  
Cal. Date: December 1, 2016  
Report Date: December 1, 2016

Report No.: 336849  
Set Serial No.: 614-26 thru 41  
Barcode: 200739

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: Cast Cube Weights  
Manufacturer: Western Iron Works  
Weight Type: II  
Equipment ID: None  
Condition: Good  
Temperature: 19.2 °C  
Pressure: 733.7 mmHg  
Relative Humidity: 47.5 %

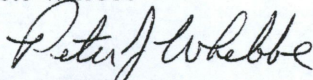


Nominal Value		Serial No.	CM Correction (g)		NIST HB105-1 Class		k	U (g)
			As Found	As Left	As Found	As Left		
1000	lb	614-26	27.8	27.8	F	F	2.01	2.0
1000	lb	614-27	18.8	18.8	F	F	2.01	2.0
1000	lb	614-28	3.8	3.8	F	F	2.01	2.0
1000	lb	614-29	31.8	31.8	F	F	2.01	2.0
1000	lb	614-30	12.8	12.8	F	F	2.01	2.0
1000	lb	614-31	-57.2	0.8	*	F	2.01	2.0
1000	lb	614-32	-14.2	-14.2	F	F	2.01	2.0
1000	lb	614-33	36.8	36.8	F	F	2.01	2.0
1000	lb	614-34	28.8	28.8	F	F	2.01	2.0
1000	lb	614-35	-15.2	-15.2	F	F	2.01	2.0
1000	lb	614-36	-17.2	-17.2	F	F	2.01	2.0
1000	lb	614-37	34.8	34.8	F	F	2.01	2.0
1000	lb	614-38	13.8	13.8	F	F	2.01	2.0
1000	lb	614-39	15.8	15.8	F	F	2.01	2.0
1000	lb	614-40	-3.2	-3.2	F	F	2.01	2.0
1000	lb	614-41	-26.2	-26.2	F	F	2.01	2.0

\* 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.

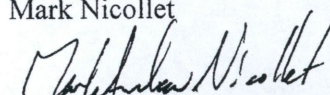
Pete Whebbe



Metrologist

Reviewed by:

Mark Nicollet



Quality Manager

Receipt Date: December 7, 2016  
 Cal. Date: December 8, 2016  
 Report Date: December 12, 2016

Report No.: 336880  
 Set Serial No.: 614-51 thru 68  
 Barcode: 201271

## Calibration Certificate

FAIRBANKS  
 2500 CLEVELAND AVENUE NORTH  
 ROSEVILLE MN 55113-2728  
 Contact: RON LOUDERBACK  
 Phone: 651-815-9000  
 PO Number: NONE  
 SOP: 8  
 Technician ID: 11

Item(s) Submitted: Cast Cube Weights  
 Manufacturer: Rice Lake  
 Weight Type: II  
 Equipment ID: None  
 Condition: Good  
 Temperature: 18.9 °C  
 Pressure: 748.2 mmHg  
 Relative Humidity: 44.5 %



Nominal Value	Serial No.	CM Correction (g)		NIST HB105-1 Class		k	U (g)
		As Found	As Left	As Found	As Left		
1000 lb	614-51	-33.2	-33.2	F	F	2.01	2.0
1000 lb	614-52	-14.2	-14.2	F	F	2.01	2.0
1000 lb	614-53	-35.2	-35.2	F	F	2.01	2.0
1000 lb	614-54	-30.2	-30.2	F	F	2.01	2.0
1000 lb	614-55	2.8	2.8	F	F	2.01	2.0
1000 lb	614-56	0.8	0.8	F	F	2.01	2.0
1000 lb	614-57	-10.2	-10.2	F	F	2.01	2.0
1000 lb	614-58	-8.2	-8.2	F	F	2.01	2.0
1000 lb	614-59	4.8	4.8	F	F	2.01	2.0
1000 lb	614-60	-31.2	-31.2	F	F	2.01	2.0
1000 lb	614-61	-16.2	-16.2	F	F	2.01	2.0
1000 lb	614-62	-15.2	-15.2	F	F	2.01	2.0
1000 lb	614-63	-37.2	-37.2	F	F	2.01	2.0
1000 lb	614-64	-53.2	7.8	*	F	2.01	2.0
1000 lb	614-65	-29.2	-29.2	F	F	2.01	2.0
1000 lb	614-66	-22.2	-22.2	F	F	2.01	2.0
1000 lb	614-67	4.8	4.8	F	F	2.01	2.0
1000 lb	614-68	-28.2	-28.2	F	F	2.01	2.0

\* 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:  
 Mark Nicollet  
  
 Quality Manager

Receipt Date: December 7, 2016  
Cal. Date: December 13, 2016  
Report Date: December 13, 2016

Report No.: 336882  
Set Serial No.: 614-  
Barcode: 201849

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: Cast Hand Weights  
Manufacturer: Assorted  
Weight Type: II  
Equipment ID: Scott's HD Truck  
Condition: Good  
Temperature: 18.5 °C  
Pressure: 741.8 mmHg  
Relative Humidity: 52.1 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
50 lb	614-352	-270	-270	F	F	2.01	120
50 lb	614-354	-1500	-1500	F	F	2.01	120
50 lb	614-356	-1880	-1880	F	F	2.01	120
50 lb	614-450	-1450	-1450	F	F	2.01	120
50 lb	614-454	-560	-560	F	F	2.01	120
50 lb	614-455	-210	-210	F	F	2.01	120
50 lb	614-459	-1580	-1580	F	F	2.01	120
50 lb	614-461	330	330	F	F	2.01	120
50 lb	614-462	-1130	-1130	F	F	2.01	120
50 lb	614-469	380	380	F	F	2.01	120
50 lb	614-476	-1560	-1560	F	F	2.01	120
50 lb	614-480	1450	1450	F	F	2.01	120
50 lb	614-484	-1610	-1610	F	F	2.01	120
50 lb	614-489	1540	1540	F	F	2.01	120
50 lb	614-492	270	270	F	F	2.01	120
50 lb	614-494	-50	-50	F	F	2.01	120
50 lb	614-499	1720	1720	F	F	2.01	120
50 lb	614-500	560	560	F	F	2.01	120
50 lb	614-504	1650	1650	F	F	2.01	120
50 lb	614-505	1430	1430	F	F	2.01	120

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:

Mark Nicollet

*Mark Andrew Nicollet*  
Quality Manager

Receipt Date: December 7, 2016  
Cal. Date: December 13, 2016  
Report Date: December 13, 2016

Report No.: 336881  
Set Serial No.: 614-  
Barcode: 200677

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 11

Item(s) Submitted: Cast Hand Weights  
Manufacturer: Fairbanks  
Weight Type: II  
Equipment ID: Scott's LD Truck  
Condition: Good  
Temperature: 18.6 °C  
Pressure: 741.8 mmHg  
Relative Humidity: 51.5 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
25 lb	614	529	529	F	F	2.01	67
50 lb	614-353	-1250	-1250	F	F	2.01	120
50 lb	614-355	-1260	-1260	F	F	2.01	120
50 lb	614-359	-1730	-1730	F	F	2.01	120
50 lb	614-369	-2020	-2020	F	F	2.01	120
50 lb	614-370	-2980	100	*	F	2.01	120
50 lb	614-471	-1740	-1740	F	F	2.01	120
50 lb	614-472	-380	-380	F	F	2.01	120
50 lb	614-473	-80	-80	F	F	2.01	120
50 lb	614-474	-770	-770	F	F	2.01	120
50 lb	614-475	-1250	-1250	F	F	2.01	120
50 lb	614-477	-240	-240	F	F	2.01	120
50 lb	614-478	-1060	-1060	F	F	2.01	120
50 lb	614-479	-1110	-1110	F	F	2.01	120
50 lb	614-481	-320	-320	F	F	2.01	120
50 lb	614-485	-110	-110	F	F	2.01	120
50 lb	614-487	-1140	-1140	F	F	2.01	120
50 lb	614-488	760	760	F	F	2.01	120
50 lb	614-490	-980	-980	F	F	2.01	120
50 lb	614-502	1010	1010	F	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 Whobbe

Metrologist

Reviewed by:

Mark Nicollet

Quality Manager

Receipt Date: November 30, 2016  
Cal. Date: December 2, 2016  
Report Date: December 2, 2016

Report No.: 336847  
Set Serial No.: 614-900 to 614-939  
Barcode: 200740

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 07

Item(s) Submitted: Cast Handle Weights  
Manufacturer: Fairbanks  
Weight Type: II  
Equipment ID: None  
Condition: Good  
Temperature: 19.1 °C  
Pressure: 742.8 mmHg  
Relative Humidity: 42.1 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
25 lb	614-900	899	899	F	F	2.01	67
25 lb	614-901	129	129	F	F	2.01	67
25 lb	614-902	59	59	F	F	2.01	67
25 lb	614-903	1509	859	*	F	2.01	67
25 lb	614-904	1289	939	*	F	2.01	67
25 lb	614-905	-141	-141	F	F	2.01	67
25 lb	614-906	59	59	F	F	2.01	67
25 lb	614-907	-411	-411	F	F	2.01	67
25 lb	614-908	1069	439	*	F	2.01	67
25 lb	614-909	1189	659	*	F	2.01	67
25 lb	614-910	1349	859	*	F	2.01	67
25 lb	614-911	-351	-351	F	F	2.01	67
25 lb	614-912	249	249	F	F	2.01	67
25 lb	614-913	139	139	F	F	2.01	67
25 lb	614-914	-481	-481	F	F	2.01	67
25 lb	614-915	829	829	F	F	2.01	67
25 lb	614-916	1309	779	*	F	2.01	67
25 lb	614-917	1239	659	*	F	2.01	67
25 lb	614-918	739	739	F	F	2.01	67
25 lb	614-919	259	259	F	F	2.01	67
25 lb	614-920	419	419	F	F	2.01	67
25 lb	614-921	89	89	F	F	2.01	67
25 lb	614-922	1319	919	*	F	2.01	67
25 lb	614-923	509	509	F	F	2.01	67
25 lb	614-924	579	579	F	F	2.01	67
25 lb	614-925	979	979	F	F	2.01	67
25 lb	614-926	139	139	F	F	2.01	67
25 lb	614-927	1289	549	*	F	2.01	67
25 lb	614-928	419	419	F	F	2.01	67
25 lb	614-929	-151	-151	F	F	2.01	67

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

Receipt Date: November 30, 2016  
Cal. Date: December 2, 2016  
Report Date: December 2, 2016

Report No.: 336847  
Set Serial No.: 614-900 to 614-939  
Barcode: 200740

Continued,

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
PO Number: NONE  
SOP: 8  
Technician ID: 07

Item(s) Submitted: Cast Handle Weights  
Manufacturer: Fairbanks  
Weight Type: II  
Equipment ID: None  
Condition: Good  
Temperature: 19.1 °C  
Pressure: 742.8 mmHg  
Relative Humidity: 42.1 %




Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
25 lb	614-930	-161	-161	F	F	2.01	67
25 lb	614-931	-241	-241	F	F	2.01	67
25 lb	614-932	869	869	F	F	2.01	67
25 lb	614-933	209	209	F	F	2.01	67
25 lb	614-934	-1151	839	*	F	2.01	67
25 lb	614-935	399	399	F	F	2.01	67
25 lb	614-936	29	29	F	F	2.01	67
25 lb	614-937	569	569	F	F	2.01	67
25 lb	614-938	1409	479	*	F	2.01	67
25 lb	614-939	289	289	F	F	2.01	67

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

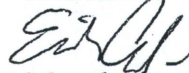
The resulting tolerance class of the weight is determined by combining the correction of the weight and the uncertainty of the measurement. The corrections given above correlate to a conventional mass scale versus 8.0 g/cm<sup>3</sup> density and an air density of 1.2 mg/cm<sup>3</sup> at 20 °C. The 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.

Mark Nicollet

  
Quality Manager

Reviewed by:

Erik Alfvin

  
Metrologist

Receipt Date: November 30, 2016  
 Cal. Date: December 2, 2016  
 Report Date: December 2, 2016

Report No.: 336844  
 Set Serial No.: 614-706  
 Barcode: 200741

## Calibration Certificate

FAIRBANKS  
 2500 CLEVELAND AVENUE NORTH  
 ROSEVILLE, MN 55113-2728  
 Contact: Ron Louderback  
 Phone: 651-815-9000  
 PO Number: None  
 SOP: 8  
 Technician ID: 19

Item(s) Submitted: AVDP Weight Kit - F  
 Manufacturer: Rice Lake  
 Weight Type: I & II  
 Equipment ID: None  
 Condition: Good  
 Temperature: 20.6 °C  
 Pressure: 742.4 mmHg  
 Relative Humidity: 45.0 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
5 lb		13	13	F	F	2.02	12
5 . lb		11	11	F	F	2.02	12
5 .. lb		17	17	F	F	2.02	12
5 :: lb		8	8	F	F	2.02	12
5 ::: lb		20	20	F	F	2.02	12
1 lb		14.3	14.3	F	F	2.02	2.8
1 . lb		17.0	17.0	F	F	2.02	2.8
1 .. lb		10.5	10.5	F	F	2.02	2.8
1 :: lb		17.4	17.4	F	F	2.02	2.8
1 ::: lb		15.8	15.8	F	F	2.02	2.8
0.2 lb		2.17	2.17	F	F	2.03	0.37
0.2 . lb		3.49	3.49	F	F	2.03	0.37
0.1 lb		3.15	3.15	F	F	2.03	0.30
0.05 lb		0.82	0.82	F	F	2.03	0.30
0.02 lb		-0.43	-0.43	F	F	2.02	0.16
0.02 . lb		0.47	0.47	F	F	2.02	0.16
0.01 lb		0.72	0.72	F	F	2.03	0.12
0.005 lb		0.78	0.78	F	F	2.03	0.10
0.002 lb		0.066	0.066	F	F	2.03	0.066
0.002 . lb		0.154	0.154	F	F	2.03	0.066
0.001 lb		0.060	0.060	F	F	2.03	0.057

Receipt Date: November 30, 2016  
Cal. Date: December 2, 2016  
Report Date: December 2, 2016

Report No.: 336844  
Set Serial No.: 614-706  
Barcode: 200741

Continued,

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19

Item(s) Submitted: AVDP Weight Kit - F  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 20.6 °C  
Pressure: 742.4 mmHg  
Relative Humidity: 45.0 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
8 oz		24.8	24.8	F	F	2.02	2.3
4 oz		8.55	8.55	F	F	2.00	0.60
2 oz		2.88	2.88	F	F	2.00	0.36
1 oz		1.61	1.61	F	F	2.00	0.30
1/2 oz		0.77	0.77	F	F	2.00	0.24
1/4 oz		1.10	1.10	F	F	2.00	0.12
1/8 oz		0.819	0.819	F	F	2.00	0.090
1/16 oz		0.210	0.210	F	F	2.00	0.060
1/32 oz		0.456	0.456	F	F	2.00	0.049
1/32 . oz		-0.022	-0.022	F	F	2.00	0.049

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.

Erik Alfvin  
*Erik Alfvin*  
Metrologist

Reviewed by:

Mark Nicollet  
*Mark Nicollet*  
Quality Manager

Receipt Date: November 30, 2016  
Cal. Date: December 2, 2016  
Report Date: December 2, 2016

Report No.: 336845  
Set Serial No.: 614-808  
Barcode: 200738

## Calibration Certificate

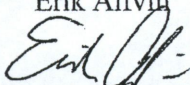
FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19

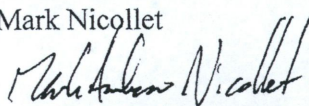
Item(s) Submitted: Metric Weight Kit - ASTM 4, 5, 6  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 20.5 °C  
Pressure: 742.7 mmHg  
Relative Humidity: 45.0 %



Nominal Value	Serial No.	CM Correction (mg)		ASTM E617 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
5000 g		228	228	6	6	2.08	30.
2000 g		67	67	5	5	2.03	12
2000 g		82	82	5	5	2.03	12
1000 g		47.5	47.5	6	6	2.05	7.1
500 g		21.9	21.9	5	5	2.03	4.0
200 g		8.9	8.9	5	5	2.03	1.2
200 g		11.2	11.2	5	5	2.03	1.2
100 g		-5.83	-5.83	5	5	2.03	0.60
50 g		2.38	2.38	5	5	2.04	0.36
20 g		0.76	0.76	5	5	2.03	0.30
20 g		1.87	1.87	5	5	2.03	0.30
10 g		0.11	0.11	4	4	2.03	0.24
5 g		0.70	0.70	5	5	2.03	0.16
2 g		0.23	0.23	5	5	2.03	0.10
2 g		0.56	0.56	5	5	2.03	0.10
1 g		0.424	0.424	5	5	2.03	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 ASTM E617 (2013). 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.

Erik Alfvén  
  
Metrologist

Reviewed by:  
Mark Nicollet  
  
Quality Manager

Receipt Date: December 7, 2016  
Cal. Date: December 13, 2016  
Report Date: December 15, 2016

Report No.: 336883  
Set Serial No.: 614-807/10 KG KIT  
Barcode: 017426

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19

Item(s) Submitted: Metric Weight Kit - F  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 19.6 °C  
Pressure: 741.8 mmHg  
Relative Humidity: 50.0 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
5000	08	194	194	F	F	2.07	30.
2000	08	73	73	F	F	2.03	12
2000	08	5	5	F	F	2.03	12
1000	08	46.7	46.7	F	F	2.05	7.1
500	08	48.2	48.2	F	F	2.03	4.0
200	08	12.0	12.0	F	F	2.03	1.2
200	08	5.3	5.3	F	F	2.03	1.2
100	08	5.20	5.20	F	F	2.03	0.60
50	08	5.14	5.14	F	F	2.04	0.36
20	08	1.37	1.37	F	F	2.03	0.30
20	08	1.78	1.78	F	F	2.03	0.30
10	08	0.88	0.88	F	F	2.03	0.24
5	08	0.36	0.36	F	F	2.03	0.16
2	08	0.49	0.49	F	F	2.03	0.10
2	08	0.24	0.24	F	F	2.03	0.10
1	08	0.311	0.311	F	F	2.03	0.074

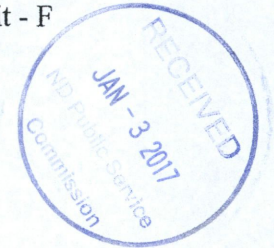
Receipt Date: December 7, 2016  
Cal. Date: December 13, 2016  
Report Date: December 15, 2016

Continued,  
Report No.: 336883  
Set Serial No.: 614-807/10 KG KIT  
Barcode: 017426

## Calibration Certificate

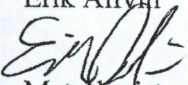
FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19


Item(s) Submitted: Metric Weight Kit - F  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 19.6 °C  
Pressure: 741.8 mmHg  
Relative Humidity: 50.0 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
0.5 g		-0.304	0.304	F	F	2.06	0.046
0.2 g		0.219	0.219	F	F	2.06	0.032
0.1 g		0.144	0.144	F	F	2.06	0.024
0.05 g		0.159	0.159	F	F	2.07	0.020
0.01 g		-0.005	-0.005	F	F	2.06	0.016
0.005 g		0.028	0.028	F	F	2.14	0.014

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.

Erik Alfvin  
  
Metrologist

Reviewed by:  
Pete Whebbe  
  
Metrologist

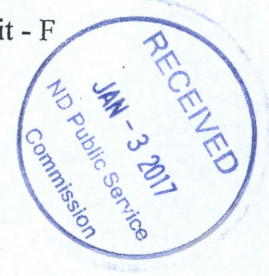
Receipt Date: December 7, 2016  
 Cal. Date: December 13/14, 2016  
 Report Date: December 14, 2016

Report No.: 336884  
 Set Serial No.: 614-723  
 Barcode: 017434

## Calibration Certificate

FAIRBANKS  
 2500 CLEVELAND AVENUE NORTH  
 ROSEVILLE, MN 55113-2728  
 Contact: Ron Louderback  
 Phone: 651-815-9000  
 PO Number: None  
 SOP: 8  
 Technician ID: 19

Item(s) Submitted: AVDP Weight Kit - F  
 Manufacturer: Rice Lake  
 Weight Type: I & II  
 Equipment ID: None  
 Condition: Good  
 Temperature: 20.0 °C  
 Pressure: 740.5 mmHg  
 Relative Humidity: 44.7 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
5 lb		1	1	F	F	2.02	12
5 . lb		50	50	F	F	2.02	12
5 :: lb		51	51	F	F	2.02	12
5 :: lb		9	9	F	F	2.02	12
5 :: lb		39	39	F	F	2.02	12
1 . lb		9.0	9.0	F	F	2.02	2.8
1 .. lb		10.0	10.0	F	F	2.02	2.8
1 :: lb		6.0	6.0	F	F	2.02	2.8
1 :: lb		3.2	3.2	F	F	2.02	2.8
1 :: lb		14.0	14.0	F	F	2.02	2.8
0.2 . lb		1.70	1.70	F	F	2.02	0.37
0.2 .. lb		1.94	1.94	F	F	2.02	0.37
0.1 . lb		1.26	1.26	F	F	2.03	0.30
0.05 . lb		0.46	0.46	F	F	2.03	0.30
0.02 . lb		0.13	0.13	F	F	2.02	0.16
0.02 .. lb		0.00	0.00	F	F	2.02	0.16
0.01 . lb		0.09	0.09	F	F	2.03	0.12
0.005 . lb		0.82	0.82	F	F	2.03	0.10
0.002 . lb		0.486	0.486	F	F	2.03	0.066
0.002 .. lb		0.285	0.285	F	F	2.03	0.066
0.001 . lb		0.003	0.003	F	F	2.03	0.057

Receipt Date: December 7, 2016  
Cal. Date: December 13/14, 2016  
Report Date: December 14, 2016

Report No.: 336884  
Set Serial No.: 614-723  
Barcode: 017434

Continued,

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19

Item(s) Submitted: AVDP Weight Kit - F  
Manufacturer: Rice Lake  
Weight Type: I & II  
Equipment ID: None  
Condition: Good  
Temperature: 20.0 °C  
Pressure: 740.5 mmHg  
Relative Humidity: 44.7 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
8 . oz		-1.9	-1.9	F	F	2.02	2.3
4 oz		6.53	6.53	F	F	2.00	0.60
2 oz		3.01	3.01	F	F	2.00	0.36
1 oz		2.42	2.42	F	F	2.00	0.30
1/2 oz		1.29	1.29	F	F	2.00	0.24
1/4 oz		0.63	0.63	F	F	2.00	0.12
1/8 oz		0.317	0.317	F	F	2.00	0.090
1/16 oz		0.447	0.447	F	F	2.00	0.060
1/32 oz		0.324	0.324	F	F	2.00	0.049

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.

Erik Alfvin

*Erik Alfvin*  
Metrologist

Reviewed by:

Pete Whebbe

*Pete Whebbe*  
Metrologist

Receipt Date: December 7, 2016  
 Cal. Date: December 14, 2016  
 Report Date: December 14, 2016

Report No.: 336885  
 Set Serial No.: 614-724  
 Barcode: 017427

## Calibration Certificate

FAIRBANKS  
 2500 CLEVELAND AVENUE NORTH  
 ROSEVILLE MN 55113-2728  
 Contact: RON LOUDERBACK  
 Phone: 651-815-9000  
 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: 20.2 °C  
 Pressure: 741.5 mmHg  
 Relative Humidity: 44.4 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
5 . lb		-56	-56	F	F	2.02	12
5 .. lb		-41	-41	F	F	2.02	12
5 :: lb		2	2	F	F	2.02	12
5 ::: lb		-41	-41	F	F	2.02	12
5 :::: lb		47	47	F	F	2.02	12
1 . lb		-1.6	-1.6	F	F	2.02	2.8
1 .. lb		13.8	13.8	F	F	2.02	2.8
1 :: lb		-1.4	-1.4	F	F	2.02	2.8
1 ::: lb		-8.7	-8.7	F	F	2.02	2.8
1 :::: lb		13.7	13.7	F	F	2.02	2.8
0.2 . lb		5.10	5.10	F	F	2.02	0.37
0.2 .. lb		1.97	1.97	F	F	2.02	0.37
0.1 lb		2.14	2.14	F	F	2.03	0.30
0.05 lb		1.99	1.99	F	F	2.03	0.30
0.02 lb		0.72	0.72	F	F	2.02	0.16
0.02 . lb		0.75	0.75	F	F	2.02	0.16
0.01 lb		0.62	0.62	F	F	2.03	0.12
0.005 lb		0.63	0.63	F	F	2.03	0.10
0.002 lb		0.090	0.090	F	F	2.03	0.066
0.002 . lb		-0.214	-0.214	F	F	2.03	0.066
0.001 lb		0.507	0.507	F	F	2.03	0.057

Receipt Date: December 7, 2016  
Cal. Date: December 14, 2016  
Report Date: December 14, 2016

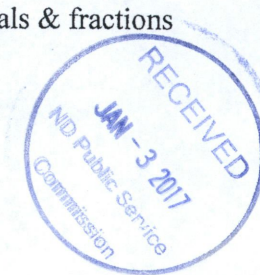
Report No.: 336885  
Set Serial No.: 614-724  
Barcode: 017427

Continued,

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE MN 55113-2728  
Contact: RON LOUDERBACK  
Phone: 651-815-9000  
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: 20.2 °C  
Pressure: 741.5 mmHg  
Relative Humidity: 44.4 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
8 oz		-2.1	-2.1	F	F	2.02	2.3
4 oz		11.52	11.52	F	F	2.00	0.60
2 oz		2.35	2.35	F	F	2.00	0.36
1 oz		-0.13	-0.13	F	F	2.00	0.30
1/2 oz		1.30	1.30	F	F	2.00	0.24
1/4 oz		0.02	0.02	F	F	2.00	0.12
1/8 oz		0.652	0.652	F	F	2.00	0.090
1/16 oz		0.303	0.303	F	F	2.00	0.060
1/32 oz		0.267	0.267	F	F	2.00	0.049

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:

Erik Alfvin  
*Erik Alfvin*  
Metrologist



Receipt Date: November 30, 2016  
Cal. Date: December 2, 2016  
Report Date: December 2, 2016

Report No.: 336846  
Set Serial No.: Fuel Sub Weights  
Barcode: 200514

## Calibration Certificate

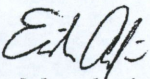
FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19

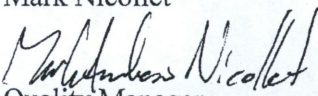
Item(s) Submitted: 8 oz Fuel Sub Weights - F  
Manufacturer: Rice Lake  
Weight Type: II  
Equipment ID: None  
Condition: Good  
Temperature: 20.5 °C  
Pressure: 742.0 mmHg  
Relative Humidity: 44.7 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
8 oz		9.2	9.2	F	F	2.02	2.3
8 oz		15.8	15.8	F	F	2.02	2.3
8 oz		16.4	16.4	F	F	2.02	2.3
8 oz		15.2	15.2	F	F	2.02	2.3
8 oz		8.9	8.9	F	F	2.02	2.3
8 oz		11.3	11.3	F	F	2.02	2.3
8 oz		10.9	10.9	F	F	2.02	2.3
8 oz		18.8	18.8	F	F	2.02	2.3
8 oz		14.8	14.8	F	F	2.02	2.3

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.

Erik Alfvin  
  
Metrologist

Reviewed by:  
Mark Nicollet  
  
Quality Manager

Receipt Date: December 7, 2016  
Cal. Date: December 13, 2016  
Report Date: December 15, 2016

Report No.: 336886  
Set Serial No.: None  
Barcode: 202156

## Calibration Certificate

FAIRBANKS  
2500 CLEVELAND AVENUE NORTH  
ROSEVILLE, MN 55113-2728  
Contact: Ron Louderback  
Phone: 651-815-9000  
PO Number: None  
SOP: 8  
Technician ID: 19

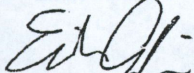
Item(s) Submitted: 8 oz Fuel Sub. Weights  
Manufacturer: Rice Lake  
Weight Type: II  
Equipment ID: None  
Condition: Excellent  
Temperature: 19.9 °C  
Pressure: 740.5 mmHg  
Relative Humidity: 46.6 %



Nominal Value	Serial No.	CM Correction (mg)		NIST HB105-1 Class		k	U (mg)
		As Found	As Left	As Found	As Left		
8 oz		16.8	16.8	F	F	2.02	2.3
8 oz		24.7	24.7	F	F	2.02	2.3
8 oz		21.1	21.1	F	F	2.02	2.3
8 oz		20.5	20.5	F	F	2.02	2.3
8 oz		27.9	27.9	F	F	2.02	2.3
8 oz		21.2	21.2	F	F	2.02	2.3
8 oz		22.1	22.1	F	F	2.02	2.3
8 oz		20.6	20.6	F	F	2.02	2.3
8 oz		25.8	25.8	F	F	2.02	2.3

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.

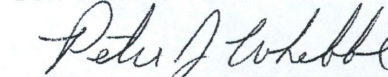
Erik Alfvin



Metrologist

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>	<b>Weight Carts</b>	<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		



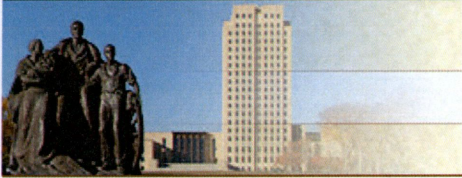
2016 to 2017

A handwritten signature in black ink, appearing to read "Carol T. Hockert".

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

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

North Dakota

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LEGENDARY

# SECRETARY OF STATE NORTH DAKOTA

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## FAIRBANKS SCALES INC.

### Corporation Details

**System ID:** 2987100                      **Phone:** (816) 471-0231  
**Type:** FOREIGN BUSINESS CORPORATION  
**Status:** Active & Good Standing  
**Original File Date:** 03/31/1988                      **Effective Date:** 03/31/1988  
**State of Origin:** Kansas

### Nature of Business

SALES AND SERVICE OF SCALES AND RELATED EQUIPMENT

### Principal Office

821 LOCUST ST KANSAS CITY, MO 64106-1908

### Registered Agent

**CORPORATION SERVICE COMPANY**  
1709 N 19TH ST STE 3  
BISMARCK, ND 58501-2121  
Established Date: Mar 01, 2010

### 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)

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SERVICE FOR YOUR WORLD

December 29, 2016

Public Service Commission  
Attn: Shelly Bauske  
600 E Boulevard Ave Dept 408  
Bismarck ND 58505-0480



**RE: Registered Service Company Annual Permit Application – Fairbanks Scales, St Paul MN**

Shelly,

In November when we submitted our Annual Permit Application the weights for Scott Wolf's and Dean Spilde's trucks were not yet certified. Subsequently, we have had them tested by the State of Minnesota. Enclosed are the calibration reports for our weights.

Please contact me if you have any questions.

Sincerely,  
Fairbanks Scales

Ron Louderback  
Area Service Manager