



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



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

Name of Company <i>R & R Petroleum</i>	Email Address	Application Date	
Mailing Address <i>515 City Road 81 N</i>	City <i>Fargo</i>	State <i>ND</i>	Zip Code <i>58102</i>
Telephone Number <i>701-293-1707</i>	Cell Phone Number	Fax Number <i>701-293-0310</i>	

Select below all device types your company will certify:

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

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

Permit No.	Employee	Device Types Registered to Certify (list using device type numbers from above)
<i>e.g. 1001</i>	<i>e.g. John Doe</i>	<i>e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6</i>
<i>1483</i>	<i>Jim Schaefer</i>	<i>1, 2, 3, 4</i>
<i>1752</i>	<i>Aaron Page</i>	<i>1, 2, 3, 4</i>
<i>1502</i>	<i>Don Dahlberg</i>	<i>1, 2, 3, 4</i>
<i>1464</i>	<i>Jeff Stockert</i>	<i>1, 2, 3, 4</i>
<i>1672</i>	<i>James Andrew</i>	<i>1, 2, 3, 4</i>

Continued on Page 2

Application for Registration as a Registered Service Company
Page 2

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


Additional Application Items (initial where appropriate):

Standardized Test Report	<input checked="" type="checkbox"/> Copy enclosed <input checked="" type="checkbox"/> No change in report filed previously
Tested and Approved Sticker	<input checked="" type="checkbox"/> Copy enclosed <input checked="" type="checkbox"/> No change in sticker filed previously
Photocopy of Crimped Lead Wire Seal	<input checked="" 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 Vice President, and have authority to represent this company.
By signing this application, I declare that I have examined this form and accompanying documentation, and to the best of my knowledge and belief, the facts stated and documentation provided is true, correct, and complete.

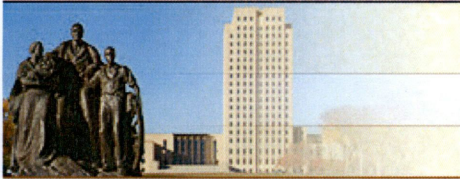


Signature

Send Completed Application and Related Documents To:

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

North Dakota

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

SECRETARY OF STATE NORTH DAKOTA


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R & R PETROLEUM EQUIPMENT SALES, INC.

Corporation Details

System ID: 1471700 **Phone:** (701) 293-1707
Type: BUSINESS CORPORATION
Status: Active & Good Standing
Original File Date: 06/19/1984 **Effective Date:** 06/19/1984
State of Origin: North Dakota

Nature of Business

PETROLEUM EQUIPMENT SALES & SERVICE

Principal Office

5115 CTY RD 81 N FARGO, ND 58102-7401

Registered Agent

JAMES SCHAEFER
 5115 CO RD 81 N
 FARGO, ND 58102-7401
 Established Date: Nov 22, 1999

Authorized Shares

Class	Number	Par Value
	100000.000000	\$1.000000

Generate an Annual Report To File

To Generate a Annual Report form to be filed with the Secretary of State, select the appropriate year of the report you intend to file. This report does not contain details of a report previously filed with the Secretary of State. The annual report years reflected are an indication of the various report forms available in this site and is not an indication that an entity needs to file reports for all years. Missing years indicate that the forms for the missing year have not yet been deployed to the website, or have already been removed, and can be obtained by contacting the Secretary of State.

[2015](#) (generates a forms-fillable pdf in a new pop-up window)

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

Will open a new window (pop-up).

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Receipt Date: January 11, 2016
Test Date: January 12, 2016
Report Date: January 12, 2016

State Test No.: 335323
Serial No.: None
Barcode: 201322

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Ellisco
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.1 °C
Pressure: 740.3 mmHg
Relative Humidity: 26.9 %
Standard H₂O Temp.: 17.1 °C
Artifact H₂O Temp.: 17.1 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.50	5.0022	0.24	0.0000186
	As Left	0.01	5.0000	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvin

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 12, 2016
Report Date: January 12, 2016

State Test No.: 335324
Serial No.: None
Barcode: 201808

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Ellisco
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.1 °C
Pressure: 740.3 mmHg
Relative Humidity: 26.9 %
Standard H₂O Temp.: 11.8 °C
Artifact H₂O Temp.: 11.8 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.88	5.0038	0.24	0.0000186
	As Left	-0.08	4.9997	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvin

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 12, 2016
Report Date: January 12, 2016

State Test No.: 335326
Serial No.: None
Barcode: 202104

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.1 °C
Pressure: 740.3 mmHg
Relative Humidity: 26.9 %
Standard H₂O Temp.: 11.8 °C
Artifact H₂O Temp.: 11.8 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.93	5.0040	0.24	0.0000186
	As Left	0.12	5.0005	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvin

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 12, 2016

State Test No.: 335319
Serial No.: 02-52149
Barcode: 201319

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.0 °C
Pressure: 731.4 mmHg
Relative Humidity: 24.7 %
Standard H₂O Temp.: 14.3 °C
Artifact H₂O Temp.: 14.3 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.12	5.0005	0.24	0.0000186
	As Left	0.12	5.0005	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvín

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 12, 2016

State Test No.: 335320
Serial No.: 45284
Barcode: 201320

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.0 °C
Pressure: 731.4 mmHg
Relative Humidity: 24.7 %
Standard H₂O Temp.: 13.1 °C
Artifact H₂O Temp.: 13.1 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero		Coefficient of Expansion (1/°F)
			Line (gal)	Uncertainty (in ³)	
5	As Found	0.85	5.0037	0.24	0.0000186
	As Left	-0.05	4.9998	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvin

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 12, 2016

State Test No.: 335321
Serial No.: 99-10282-32
Barcode: 202414

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: JIM SCHAEFER
Phone: 701-293-1707
PO Number: NONE
SOP: 32
Technician ID: 11

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Stainless Steel
Equipment Number: None
Condition: Excellent
Temperature: 20. °C
Pressure: 733.8 mmHg
Relative Humidity: 27.1 %
Standard H₂O Temp.: 13.2 °C
Artifact H₂O Temp.: 13.4 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.11	5.0005	0.24	0.0000265
	As Left	0.11	5.0005	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Pete Whebbe

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 12, 2016
Report Date: January 12, 2016

State Test No.: 335322
Serial No.: None
Barcode: 201321

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.1 °C
Pressure: 740.3 mmHg
Relative Humidity: 26.9 %
Standard H₂O Temp.: 17.1 °C
Artifact H₂O Temp.: 17.2 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.66	5.0029	0.24	0.0000186
	As Left	-0.07	4.9997	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvín
Erik Alfvín
Metrologist

Reviewed by:
Mark Nicollet
Mark Nicollet
Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 12, 2016

State Test No.: 335316
Serial No.: 03-19207-13
Barcode: 201317

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: JIM SCHAEFER
Phone: 701-293-1707
PO Number: NONE
SOP: 32
Technician ID: 11

Item(s) Submitted: 5 Gallon Prover
Manufacturer: Seraphin
Material: Stainless Steel
Equipment Number: None
Condition: Good
Temperature: 20. °C
Pressure: 733.8 mmHg
Relative Humidity: 27.1 %
Standard H₂O Temp.: 13.3 °C
Artifact H₂O Temp.: 13.4 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.45	5.0019	0.24	0.0000265
	As Left	0.00	5.0000	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a drain time of 30 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Pete Whebbe

Pete Whebbe
Metrologist

Reviewed by:
Mark Nicollet

Mark Nicollet
Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 12, 2016

State Test No.: 335317
Serial No.: 01-51354
Barcode: 202360

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.0 °C
Pressure: 731.4 mmHg
Relative Humidity: 24.7 %
Standard H₂O Temp.: 14.4 °C
Artifact H₂O Temp.: 14.5 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero		Coefficient of Expansion (1/°F)
			Line (gal)	Uncertainty (in ³)	
5	As Found	0.93	5.0040	0.24	0.0000186
	As Left	-0.02	4.9999	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvin

Metrologist

Reviewed by:
Mark Nicollet

Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 12, 2016

State Test No.: 335318
Serial No.: 01-51382
Barcode: 201318

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 32
Technician ID: 19

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 19.0 °C
Pressure: 731.4 mmHg
Relative Humidity: 24.7 %
Standard H₂O Temp.: 14.8 °C
Artifact H₂O Temp.: 15.0 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.74	5.0032	0.24	0.0000186
	As Left	-0.10	4.9996	0.24	

Neck Calibration: No neck calibration was done at this time.

This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvin
Erik Alfvin
Metrologist

Reviewed by:
Mark Nicollet
Mark Nicollet
Quality Manager



Receipt Date: January 11, 2016
Test Date: January 11, 2016
Report Date: January 11, 2016

State Test No.: 335315
Serial No.: 3967360-5
Barcode: 201315

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 N
FARGO, ND 58102-7401
Contact: Jim Schaefer
Phone: 701-293-1707
PO Number: None
SOP: 33
Technician ID: 19

Item(s) Submitted: 100 Gallon Prover
Manufacturer: Brownie
Material: Stainless Steel
Description: Dry Bottom
Condition: Good
Temperature: 21.1 °C
Pressure: 735.5 mmHg
Relative Humidity: 20.4 %
Standard H₂O Temp.: 9.5 °C
Artifact H₂O Temp.: 9.7 °C

Nominal Volume (gal)		Tested		Uncertainty (in ³)	Coefficient of Expansion(/°F)
		Volume (gal)	Error (in ³)		
100	As Found	100.003	0.8	2.4	0.0000265
	As Left	100.003	0.8	2.4	

Neck Calibration: No neck calibration was done at this time.

This prover has been calibrated as a "to contain after wet down" vessel with a drain time of 30 seconds after cessation of full flow and at a reference temperature of 60 °F.

The prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota using water as the calibration medium. The standards are traceable to the SI through NIST. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008). The confidence interval is 95%.

Erik Alfvín

Metrologist

Reviewed by:

Mark Nicollet

Quality Manager

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

Mass Echelon II
50 kg to 1 mg
1000 lb to 0.001 lb
4 oz to 0.03125 oz

Mass Echelon III
50 kg to 1 mg
5000 lb to 0.001 lb
4 oz to 0.03125 oz

Weight Carts
10 000 lb to 2000 lb

Wheel Load Weighers
20 000 lb to 2000 lb

Railroad Test Cars
110 000 lb to 80 000 lb

Volume Gravimetric, I
20 L to 10 mL
100 gal to 0.25 qt

Volume Transfer, II
1500 gal to 5 gal
100 gal to 25 gal LPG



2016 to 2017

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

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

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