



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 R+R Petroleum	Email Address	Application Date 5-6-14	
Mailing Address 5115 City Road 81N	City Fargo	State ND	Zip Code 58102
Telephone Number 701-293-1707	Cell Phone Number	Fax Number 701-293-0310	

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 type="checkbox"/> 3. Vehicle Tank: Max. Flow Rate: _____ <input type="checkbox"/> 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____ <input type="checkbox"/> 5. LPG <input type="checkbox"/> 6. Stationary LPG <input type="checkbox"/> 7. Fertilizer: Max. Flow Rate: _____ <input type="checkbox"/> 8. Chemical <input type="checkbox"/> 9. Anhydrous <input type="checkbox"/> 10. Loading Rack <input type="checkbox"/> 11. Other: Please List:

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

Permit No.	Employee	Device Types Registered to Certify (list using device type numbers from above)
e.g. 1001	e.g. John Doe	e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6
1483	James Schaefer	1, 2
1464	Jeff Stockert	1, 2
1502	Don Dahlseng	1, 2
1672	James Andrews	1, 2
1669	Eric Geis	1, 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.

June Schaefer
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



Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008

651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 22, 2013

State Test No.: 331390
 Serial No.: 3967360-5

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: 08

Item(s) Submitted: 100 Gallon Prover
 Manufacturer: Brownie
 Material: ss
 Description: Dry Bottom
 Condition: Good
 Temperature: 26.8°C
 Pressure: 739.7 mmHg
 Relative Humidity: 43. %

Nominal Volume		Volume (gallons)	Error (in ³)	Uncertainty (in ³)	Coefficient of Expansion(/°F)
100 gal	As Found	99.996	-1.0	3.0	0.0000265
	As Left	99.996	-1.0	3.0	

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

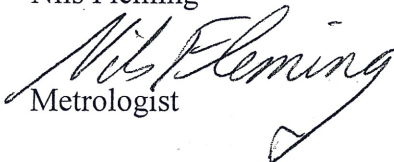
This prover has been calibrated as a "to contain after wet down" vessel with a drain time of 30 seconds after cessation of flow and at a reference temperature of 60°F.

The prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

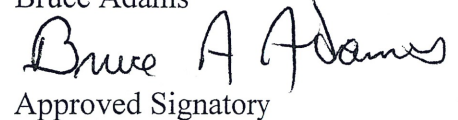
Nils Fleming



Metrologist

Reviewed by:

Bruce Adams



Approved Signatory



Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.539.1555 FAX 651.539.1553

Receipt Date: December 19, 2013
 Test Date: December 19, 2013
 Report Date: December 19, 2013

State Test No.: 331925
 Serial No.: 99-10282-32
 Bar Code: 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: 08

Item(s) Submitted: 5 Gallon Measure
 Manufacturer: Seraphin
 Material: ss
 Permit Number: Pending
 Condition: New
 Temperature: 18.°C
 Pressure: 737.4 mmHg
 Relative Humidity: 36. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	0.32	5.0014	0.62	0.0000265
	As Left	0.02	5.0001	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Nils Fleming

 Metrologist

Reviewed by:
 Heidi Jones

 Approved Signatory





MINNESOTA
DEPARTMENT OF
COMMERCE



Weights & Measures Metrology Laboratory
14305 Southcross Drive #150
Burnsville, MN 55306-7008
651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
Test Date: August 22, 2013
Report Date: August 22, 2013

State Test No.: 331391
Serial No.: 01-51382

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 NORTH
FARGO, NORTH DAKOTA 58102-7401
Contact: JIM SCHAEFER
Phone: 701-293-1707
PO Number: none
SOP: 32
Technician ID: 02

Item(s) Submitted: 5 gallon measure
Manufacturer: Seraphin
Material: ms
Permit Number: 443
Condition: Good
Temperature: 26.8°C
Pressure: 739.7 mmHg
Relative Humidity: 43. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	-0.01	5.0000	0.62	0.0000186
	As Left	-0.01	5.0000	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Bruce Adams

Bruce Adams
Metrologist

Reviewed by:

Nils Fleming

Nils Fleming
Approved Signatory

Page 1 of 1



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Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
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Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 22, 2013

State Test No.: 331392
 Serial No.: 22459

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
 5115 COUNTY ROAD 81 NORTH
 FARGO, NORTH DAKOTA 58102-7401
 Contact: JIM SCHAEFER
 Phone: 701-293-1707
 PO Number: none
 SOP: 32
 Technician ID: 02

Item(s) Submitted: 5 gallon measure
 Manufacturer: Ellisco
 Material: ms
 Permit Number: 482
 Condition: Good
 Temperature: 26.8°C
 Pressure: 739.7 mmHg
 Relative Humidity: 43. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	-0.05	4.9998	0.62	0.0000186
	As Left	-0.05	4.9998	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Bruce Adams

Bruce Adams
 Metrologist

Reviewed by:

Nils Fleming

Nils Fleming
 Approved Signatory





Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 26, 2013

State Test No.: 331393
 Serial No.: 03-19207-13

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: 08

Item(s) Submitted: 5 Gallon Prover
 Manufacturer: Seraphin
 Material: ss
 Permit Number: 446
 Condition: Good
 Temperature: 27.5°C
 Pressure: 739.7 mmHg
 Relative Humidity: 41. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(/°F)
5 gal	As Found	-0.20	4.9991	0.62	0.0000265
	As Left	0.04	5.0002	0.62	

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

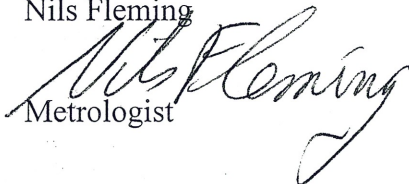
This measure or prover has been calibrated as a "to contain after wet down" vessel with a drain time of 30 seconds after cessation of flow and at a reference temperature of 60°F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

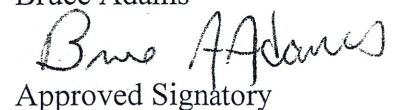
Nils Fleming



Metrologist

Reviewed by:

Bruce Adams



Approved Signatory





Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 26, 2013

State Test No.: 331394
 Serial No.: 02-52149

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: 08

Item(s) Submitted: 5 Gallon Measure
 Manufacturer: Seraphin
 Material: ms
 Permit Number: 23
 Condition: Good
 Temperature: 27.5°C
 Pressure: 739.8 mmHg
 Relative Humidity: 41. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	0.34	5.0015	0.62	0.0000186
	As Left	-0.06	4.9997	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Nils Fleming

Metrologist

Reviewed by:

Bruce Adams

Approved Signatory





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 Burnsville, MN 55306-7008
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Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 22, 2013

State Test No.: 331395
 Serial No.: none

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
 5115 COUNTY ROAD 81 NORTH
 FARGO, NORTH DAKOTA 58102-7401
 Contact: JIM SCHAEFER
 Phone: 701-293-1707
 PO Number: none
 SOP: 32
 Technician ID: 02

Item(s) Submitted: 5 gallon measure
 Manufacturer: Ellisco
 Material: ms
 Permit Number: NA
 Condition: Fair to Good
 Temperature: 26.8°C
 Pressure: 739.7 mmHg
 Relative Humidity: 43. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	-0.06	4.9998	0.62	0.0000186
	As Left	-0.06	4.9998	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

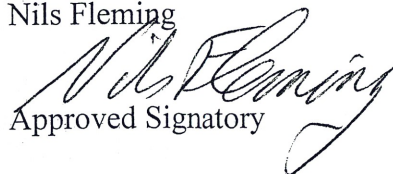
The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Bruce Adams

Metrologist

Reviewed by:
 Nils Fleming



Approved Signatory





Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 26, 2013

State Test No.: 331396
 Serial No.: 01-51354

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: 08

Item(s) Submitted: 5 Gallon Measure
 Manufacturer: Seraphin
 Material: ms
 Permit Number: None
 Condition: Good
 Temperature: 27.5°C
 Pressure: 739.7 mmHg
 Relative Humidity: 41. %

Nominal Volume	Error (in ³)	Volume Contained		Uncertainty (in ³)	Coefficient of Expansion(/°F)
		At Zero Line	(gallons)		
5 gal	As Found	0.76	5.0033	0.62	0.0000186
	As Left	-0.05	4.9998	0.62	

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

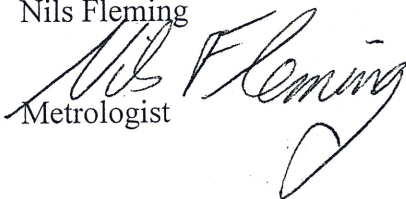
This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of flow and at a reference temperature of 60°F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Nils Fleming



Metrologist

Reviewed by:
 Bruce Adams



Approved Signatory





Weights & Measures Metrology Laboratory
14305 Southcross Drive #150
Burnsville, MN 55306-7008

651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
Test Date: August 22, 2013
Report Date: August 22, 2013

State Test No.: 331397
Serial No.: none

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 NORTH
FARGO, NORTH DAKOTA 58102-7401
Contact: JIM SCHAEFER
Phone: 701-293-1707
PO Number: none
SOP: 32
Technician ID: 02

Item(s) Submitted: 5 gallon measure
Manufacturer: Seraphin
Material: ms
Permit Number: NA
Condition: Good
Temperature: 26.8°C
Pressure: 739.7 mmHg
Relative Humidity: 43. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	-1.26	4.9945	0.62	0.0000186
	As Left	0.04	5.0002	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Bruce Adams

Bruce A Adams
Metrologist

Reviewed by:

Nils Fleming

Nils Fleming
Approved Signatory



Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 26, 2013

State Test No.: 331398
 Serial No.: None

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: 08

Item(s) Submitted: 5 Gallon Measure
 Manufacturer: Seraphin
 Material: ms
 Permit Number: None
 Condition: Good
 Temperature: 27.5°C
 Pressure: 739.7 mmHg
 Relative Humidity: 41. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	-0.07	4.9997	0.62	0.0000186
	As Left	-0.07	4.9997	0.62	

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

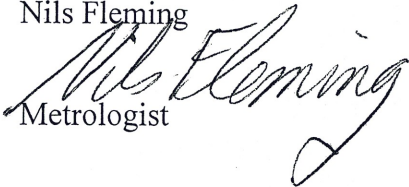
This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of flow and at a reference temperature of 60°F.

The measure or prover listed above has been compared by volumetric transfer methods to the standards of the State of Minnesota. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

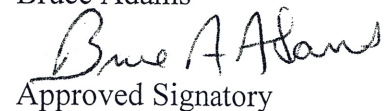
Results apply to item identified in this report only.

Nils Fleming



Metrologist

Reviewed by:
 Bruce Adams



Approved Signatory





Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 22, 2013
 Test Date: August 22, 2013
 Report Date: August 26, 2013

State Test No.: 331399
 Serial No.: 45284

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: 08

Item(s) Submitted: 5 Gallon Measure
 Manufacturer: Seraphin
 Material: ms
 Permit Number: None
 Condition: Good
 Temperature: 27.5°C
 Pressure: 739.7 mmHg
 Relative Humidity: 41. %

Nominal Volume	Error (in ³)	Volume Contained		Uncertainty (in ³)	Coefficient of Expansion(/°F)
		As Found	At Zero Line (gallons)		
5 gal	As Found	0.78	5.0034	0.62	0.0000186
	As Left	0.00	5.0000	0.62	

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

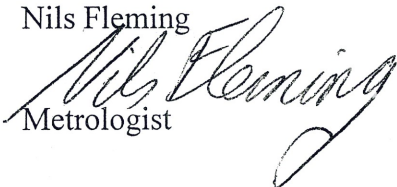
This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of flow and at a reference temperature of 60°F.

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Results apply to item identified in this report only.

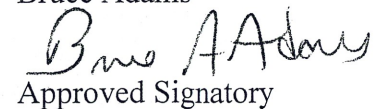
Nils Fleming



Metrologist

Reviewed by:

Bruce Adams



Approved Signatory





MINNESOTA
DEPARTMENT OF
COMMERCE



Weights & Measures Metrology Laboratory
14305 Southcross Drive #150
Burnsville, MN 55306-7008
651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 14, 2013
Test Date: August 20, 2013
Report Date: August 20, 2013

State Test No.: 331343
Serial No.: 05-41532-03

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: 08

Item(s) Submitted: 50 Gallon Prover
Manufacturer: Seraphin
Material: ss
Description: Dry Bottom
Condition: Good
Temperature: 27.1°C
Pressure: 734.6 mmHg
Relative Humidity: 43. %

Nominal Volume		Volume (gallons)	Error (in ³)	Uncertainty (in ³)	Coefficient of Expansion(1/°F)
50 gal	As Found	49.981	-4.4	4.4	0.0000265
	As Left	49.999	-0.3	4.4	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Nils Fleming

Metrologist

Reviewed by:

Bruce Adams

Bruce Adams
Approved Signatory



Weights & Measures Metrology Laboratory
 14305 Southcross Drive #150
 Burnsville, MN 55306-7008
 651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 14, 2013
 Test Date: August 21, 2013
 Report Date: August 21, 2013

State Test No.: 331344
 Serial No.: 03-18752-04

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: 08

Item(s) Submitted: 5 Gallon Prover
 Manufacturer: Seraphin
 Material: ss
 Permit Number: None
 Condition: Good
 Temperature: 26.7°C
 Pressure: 734. mmHg
 Relative Humidity: 50. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	0.42	5.0018	0.62	0.0000265
	As Left	0.02	5.0001	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Nils Fleming

 Metrologist

Reviewed by:
 Bruce Adams

 Approved Signatory





Weights & Measures Metrology Laboratory
14305 Southcross Drive #150
Burnsville, MN 55306-7008
651.215.5821 FAX 952.435.4040 TTY 952.435.4045

Receipt Date: August 14, 2013
Test Date: August 15, 2013
Report Date: August 15, 2013

State Test No.: 331345
Serial No.: 05-01857

Calibration Report

R&R PETROLEUM EQUIPMENT SALES
5115 COUNTY ROAD 81 NORTH
FARGO, NORTH DAKOTA, 58102-7401
Contact: JIM SCHAEFER
Phone: 701-293-1707
PO Number: Dirk
SOP: 32
Technician ID: 02

Item(s) Submitted: 5 gallon measure
Manufacturer: Seraphin
Material: ss
Permit Number: NA
Condition: Excellent
Temperature: 25.3°C
Pressure: 740.6 mmHg
Relative Humidity: 47. %

Nominal Volume		Error (in ³)	Volume Contained At Zero Line (gallons)	Uncertainty (in ³)	Coefficient of Expansion(°F)
5 gal	As Found	-0.13	4.9995	0.62	0.0000265
	As Left	-0.13	4.9995	0.62	

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 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. The standards are traceable through the MN Weights & Measures Division mass standards to National Institute of Standards & Technology (NIST) mass standards. Statistical process control charts indicate standards are currently in control. All gauges were sealed in place.

The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95%.

Results apply to item identified in this report only.

Bruce Adams

Metrologist

Reviewed by:
Nils Fleming

Approved Signatory

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