



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 Main Line Measurement, LLC | Email Address audie.pankhurst@gmail.com | Application Date 3/19/18 | |
| Mailing Address PO Box 4344 | City Minot | State ND | Zip Code 58702 |
| Telephone Number 337-936-1034 | Cell Phone Number 337-936-2276 | Fax Number | |

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 checked="" type="checkbox"/> 9. Other: Please List: 1000 and 200 Bulk Prover | <input type="checkbox"/> 1. Retail Fuel (less than 20 gal. per minute) <input type="checkbox"/> 2. High Flow Retail Fuel (20 gal. per minute or greater) <input type="checkbox"/> 3. Vehicle Tank: Max. Flow Rate: _____ <input type="checkbox"/> 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____ <input type="checkbox"/> 5. LPG <input type="checkbox"/> 6. Stationary LPG <input type="checkbox"/> 7. Fertilizer: Max. Flow Rate: _____ <input type="checkbox"/> 8. Chemical <input type="checkbox"/> 9. Anhydrous <input type="checkbox"/> 10. Loading Rack <input type="checkbox"/> 11. Other: Please List: |

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

| 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 |
| 1728 | Justin Pankhurst | 1000 and 200 Prover |
| 1731 | Audie Pankhurst | 1000 and 200 Prover |
| | | |
| | | |
| | | |
| | | |

Continued on Page 2

2 WM-17-419 Filed: 3/19/2018 Pages: 8
Application for permit
Main Line Measurement, LLC



Application for Registration as a Registered Service Company
Page 2

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

| | |
|-------------------------|--|
| 1000 Gallon Bulk Prower | |
| 300 Gallon Bulk Prower | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Additional Application Items (initial where appropriate):

| | |
|-------------------------------------|---|
| Standardized Test Report | <u>AP</u> Copy enclosed <u>AP</u> No change in report filed previously |
| Tested and Approved Sticker | <u>AP</u> Copy enclosed <u>AP</u> No change in sticker filed previously |
| Photocopy of Crimped Lead Wire Seal | <u>AP</u> Copy enclosed <u>AP</u> No change in crimped lead wire seal filed previously |

Public Company Listing:

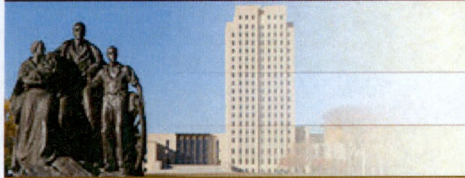
Include my company information on your registered service company list for public contact.
 Yes No

I am Audie Parkhurst, 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.

Audie Parkhurst
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



SECRETARY OF STATE NORTH DAKOTA



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

MAIN LINE MEASUREMENT L.L.C.

Corporation Details

System ID: 31557400 **Phone:** (337) 936-1034
Type: LIMITED LIABILITY COMPANY
Status: Active & Good Standing
Original File Date: 05/15/2012 **Effective Date:** 05/15/2012
State of Origin: North Dakota

Nature of Business

METER CALIBRATION SERVICES

Principal Office

2717 5TH ST NW MW MINOT, ND 58703-0722

Registered Agent

JACOB C MAXSON
TOWN & COUNTRY CENTER
1015 S BROADWAY STE 15
MINOT, ND 58701-4667
Established Date: May 15, 2012

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.


[2017](#) (generates a forms-fillable pdf in a new pop-up window)


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Hugh E. Weathers
Commissioner

State of South Carolina Department of Agriculture

Metrology Laboratory

Mailing Address
PO Box 11280
Columbia, SC 29211

Physical Location
237 Catawba Street
Columbia, SC 29201

803.253.4052 (Phone/Fax)
agriculture.sc.gov



CERTIFICATE OF CALIBRATION FOR

200 Gallon Stainless Steel Test Prover

Manufacturer
Gas Services & Supply

Serial Number
1460

State Test Number
SC171017-1-17

Submitted by

Main Line Measurement
2717 5th Street, N.W.
Minot, ND 58701

The above described measuring device has been compared with the standards of the State of South Carolina which are traceable to the National Institute of Standards and Technology through NIST Test Numbers 684/283739-13 and NC0706-013-GV and was found or adjusted to deliver the volume listed below when the prover is level and readings are taken at eye level to the meniscus.

| Scale Reading | Prover Delivery at 60°F | Prover Delivery at 60°F | Uncertainty | Tolerance |
|--|-------------------------|--------------------------|---------------------|--------------------|
| 0 (200 gallons) | 200.013 US gallons | 46202.92 in ³ | 8.6 in ³ | 23 in ³ |
| The measurement uncertainty is calculated at a coverage factor of k=2 for an approximate 95% confidence level. | | | | |

Date of Test: 10/17/17

Robert L. McGee, Director
Metrology Laboratory

Comments:

- This calibration has metrological traceability to the International System of Units (SI) through South Carolina primary standards calibrated by the National Institute of Standards and Technology (NIST).
- There are 0.003785412 cubic meters per US gallon.
- Calibration procedure used: SOP 19 from NIST IR 7383
- Prover calibrated in "Wet Down" condition using water as the calibration medium.
- Prover calibrated to a reference temperature of 60°F
- Prover condition: Clean
- Prover calibrated using a 30 drain period (+/-5 second) beginning at the end of main flow.
- Environmental conditions at time of test: Temp: 17 °C, Humidity: 49%RH.
- Prover assumed cubical coefficient of thermal expansion: 0.0000265 /°F
- Prover error "As Found": 2.92 in³ : "As Left": 2.92 in³

Calibration Due Date: 10/17/19

Date of Test: 10/17/17



Manufacturer
 Gas Services & Supply

Serial Number
 1460

State Test Number
 SC171017-1-17

| Temperature Correction Chart for 200 Gallon Stainless Steel Prover | | |
|---|----------------------------------|---|
| Product Temp (°F) | Temperature Correction (gallons) | Temperature Correction (in ³) |
| -20 | -0.424 | -98 |
| -15 | -0.398 | -92 |
| -10 | -0.371 | -86 |
| -5 | -0.344 | -80 |
| 0 | -0.318 | -73 |
| 5 | -0.292 | -67 |
| 10 | -0.265 | -61 |
| 15 | -0.239 | -55 |
| 20 | -0.212 | -49 |
| 25 | -0.185 | -43 |
| 30 | -0.159 | -37 |
| 35 | -0.132 | -31 |
| 40 | -0.106 | -24 |
| 45 | -0.079 | -18 |
| 50 | -0.053 | -12 |
| 55 | -0.026 | -6 |
| 60 | 0.000 | 0 |
| 65 | 0.027 | 6 |
| 70 | 0.053 | 12 |
| 75 | 0.079 | 18 |
| 80 | 0.106 | 24 |
| 85 | 0.132 | 31 |
| 90 | 0.159 | 37 |
| 95 | 0.185 | 43 |
| 100 | 0.212 | 49 |
| 105 | 0.238 | 55 |
| 110 | 0.265 | 61 |
| 115 | 0.291 | 67 |
| 120 | 0.318 | 73 |

Note: This chart is valid only for 200 gallon stainless steel provers with cubical coefficient of expansion of 0.0000265 /°F and a product reference temperature of 60 °F.



Hugh E. Weathers
Commissioner

State of South Carolina Department of Agriculture

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agriculture.sc.gov

CERTIFICATE OF CALIBRATION FOR

1000 Gallon Stainless Steel Test Prover



Manufacturer
Gas Services & Supply

Serial Number
1459

State Test Number
SC171016-1-17

Submitted by

Main Line Measurement
2717 5th Street, N.W.
Minot, ND 58701

The above described measuring device has been compared with the standards of the State of South Carolina which are traceable to the National Institute of Standards and Technology through NIST Test Numbers 684/283739-13 and NC0706-013-GV and was found or adjusted to deliver the volume listed below when the prover is level and readings are taken at eye level to the meniscus.

| Scale Reading | Prover Delivery at 60°F | Prover Delivery at 60°F | Uncertainty | Tolerance |
|--|-------------------------|-------------------------|--------------------|---------------------|
| 0 (1000 gallons) | 1000.073 US gallons | 231017 in ³ | 42 in ³ | 116 in ³ |
| The measurement uncertainty is calculated at a coverage factor of k=2 for an approximate 95% confidence level. | | | | |

Date of Test: 10/16/17

Robert L. McGee, Director
Metrology Laboratory

Comments:

- This calibration has metrological traceability to the International System of Units (SI) through South Carolina primary standards calibrated by the National Institute of Standards and Technology (NIST).
- There are 0.003785412 cubic meters per US gallon.
- Calibration procedure used: SOP 19 from NIST IR 7383
- Prover calibrated in "Wet Down" condition using water as the calibration medium.
- Prover calibrated to a reference temperature of 60°F
- Prover condition: Clean
- Prover calibrated using a 30 drain period (+/-5 second) beginning at the end of main flow.
- Environmental conditions at time of test: Temp: 23 °C, Humidity: 90 %RH.
- Prover assumed cubical coefficient of thermal expansion: 0.0000265 /°F
- Prover error "As Found": 17 in³ : "As Left": 17 in³

Calibration Due Date: 10/16/19

Certificate of Calibration
 SC Metrology Laboratory

Date of Test: 10/16/17



Manufacturer
 Gas Services & Supply

Serial Number
 1459

State Test Number
 SC171016-1-17

| Temperature Correction Chart for 1000 Gallon Stainless Steel Prover | | |
|---|----------------------------------|---|
| Product Temp (°F) | Temperature Correction (gallons) | Temperature Correction (in ³) |
| -20 | -2.120 | -490 |
| -15 | -1.988 | -459 |
| -10 | -1.855 | -429 |
| -5 | -1.722 | -398 |
| 0 | -1.590 | -367 |
| 5 | -1.457 | -337 |
| 10 | -1.325 | -306 |
| 15 | -1.193 | -275 |
| 20 | -1.060 | -245 |
| 25 | -0.928 | -214 |
| 30 | -0.795 | -184 |
| 35 | -0.663 | -153 |
| 40 | -0.530 | -122 |
| 45 | -0.398 | -92 |
| 50 | -0.265 | -61 |
| 55 | -0.132 | -31 |
| 60 | 0.000 | 0 |
| 65 | 0.133 | 31 |
| 70 | 0.265 | 61 |
| 75 | 0.398 | 92 |
| 80 | 0.530 | 122 |
| 85 | 0.663 | 153 |
| 90 | 0.795 | 184 |
| 95 | 0.928 | 214 |
| 100 | 1.060 | 245 |
| 105 | 1.192 | 275 |
| 110 | 1.325 | 306 |
| 115 | 1.457 | 337 |
| 120 | 1.590 | 367 |

Note: This chart is valid only for 1000 gallon stainless steel provers with cubical coefficient of expansion of 0.0000265 /°F and a product reference temperature of 60 °F.

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

South Carolina

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 I | Weight Carts | Volume Transfer, II |
| 30 kg to 1 mg | 6000 lb to 2500 lb | 20 L to 1 L |
| Mass Echelon II | Wheel Load Weighers | 1500 gal to 1 gal |
| 50 kg to 1 mg | 36 000 lb to 12 000 lb | 100 gal to 20 gal LPG |
| 1000 lb to 0.001 lb | Volume Gravimetric, I | Grain Moisture |
| 8 oz to 0.015625 oz | 20 L to 100 mL | 23 % to 13 % |
| Mass Echelon III | 5 gal to 1 gal | |
| 1000 kg to 1 mg | | |
| 2500 lb to 0.001 lb | | |
| 8 oz to 0.015625 oz | | |



2016 to 2018

Douglas A. Olson

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

Effective Dates: 2016-01-01 to 2018-06-30

Amended 2017-12-31. Scope dates extended for new laboratory facility construction.