APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY

Public Service Commission
SFN 51277 (2/2014)

RECEIVED
JAN 22 2016
ND Public Service Commission

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

Name of Company	Email Address	Application Date	
Cothern's Tanker Inspections, LLC	Cothernstankerinspec@yahoo.com	1/20/16	
Mailing Address	**City**	**State**	**Zip Code**
POBox 1018	Caldwell	TX	77836
Telephone Number	**Cell Phone Number**	**Fax Number**	
(979) 272-1400	(979) 324-3335	(979) 272-1500	

Select below all device types your company will certify:

Scales (include maximum capacity, if applicable)	**Liquid** (include maximum flow rate, if applicable)
☐ 1. Rail	☐ 1. Retail Fuel (less than 20 gal. per minute)
☐ 2. Truck	☐ 2. High Flow Retail Fuel (20 gal. per minute or greater)
☐ 3. Livestock	☑ 3. Vehicle Tank: Max. Flow Rate: 100
☐ 4. Hopper: Max. Capacity: _____	☑ 4. Stationary Bulk (fuel or oil): Max. Flow Rate: 100
☐ 5. Belt	☑ 5. LPG
☐ 6. Over 30 lbs.: Max. Capacity: _____	☑ 6. Stationary LPG
☐ 7. 30 lbs. or less	☐ 7. Fertilizer: Max. Flow Rate: _____
☐ 8. Class II **(indicate on your calibration report which weight kit is Class II certified)**	☐ 8. Chemical
☐ 9. Other: Please List:	☐ 9. Anhydrous
	☐ 10. Loading Rack
	☐ 11. Other: Please List:

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

Permit No.	Employee	Device Types Registered to Certify (list using device type numbers from above)
e.g. 1001	*e.g. John Doe*	*e.g. Scales – 2, 3, 6, 8; e.g. Liquid – 1, 2, 6*
1749	Jeffrey Smith	Liquid - 3,4,5,6

Continued on Page 2

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

Additional Application Items (initial where appropriate):

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

Cothern's Tanker Inspections, LLC
P.O. Box 1018
Caldwell, Texas 77836
800-553-1770

RECEIVED
FEB 23 2016
ND Public Service Commission

Invoice Number _____

Operator No.	Date	Date Last Tested
Name of Business		
Location of Device		
Mailing Address		
City	State	Zip Code
County	Telephone Number	

Check All That Apply

- ☐ Self-Certification
- ☐ New Installation
- ☐ Routine Service ☐ Annual ☐ Semi-Annual
- ☐ Equipment Repaired
- ☐ Rejected Equipment Tag # (Attach) _____
- ☐ Non-Commercial
- ☐ Service Contract? Expires _____
- ☐ Variance Posted? ☐ Yes ☐ No

Standard Used	Size	Last Cal. Date
		July 21, 2014

TYPE OF DEVICE/PSC CODE						
Retail Pump	Mobile Delivery	LPG Propane	Liquid Fert./Agri Chemical	Pipeline/Transport	CNG	Other
16	19	21 G	21F	20	21 C	

Fill out all that apply:

Device Code	Meter/ Pump/ Hose #	Product	Serial #	Variance (Slate Units) As Found	Variance (Slate Units) As Left	Meter Factor/ Totalizer Readings Before	Meter Factor/ Totalizer Readings After	Money Error	Approved (A) Rejected (R)

I hereby declare the statements made here are correct:

Are there other jurisdictional devices at this location that require testing? ☐ Yes ☐ No

HAS SECURITY SEAL AND STICKER BEEN APPLIED? ☐ YES ☐ NO

☐ Approved ☐ Rejected | Service Agency (Print)

Inspector/Permit Holder Signature | Permit No.

Owner - Operator Signature

REMARKS & ADJUSTMENTS MADE

1 Copy to Public Service Commission, 600 E. Boulevard Avenue, Bismarch, ND 58505 / 1 Copy to Owner/Operator

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

SECRETARY OF STATE
NORTH DAKOTA

Home | Business Records Search

COTHERN'S TANKER INSPECTIONS, LLC

Corporation Details

System ID: 37692200
Type: FOREIGN LIMITED LIABILITY COMPANY
Status: Active & Good Standing
Original File Date: 10/06/2014
State of Origin: Texas

Phone: (800) 553-1770

Effective Date: 10/06/2014

Nature of Business

METER CALIBRATIONS AND METER REPAIRS

Principal Office

8660 CR 201 SOMERVILLE TX PO BOX 1018 CALDWELL, TX 77836-0902

Registered Agent

ADVANCED CORPORATE SERVICES, INC.
720 MAIN AVE
PO BOX 2105
FARGO, ND 58107-2105
Established Date: Oct 06, 2014

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)

Return to Search Results

TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER
Metrology Laboratory - 1258 CR 226 / P.O. Box 1518 - Giddings, Texas 78942
Phone: (979) 542-3231 - Fax: (888) 205-7741

Test Number
G-000005270

REPORT OF CALIBRATION

FOR

1-100 Gallon Bulk Test Prover

SUBMITTED BY
Cothern's Tanker Inspections LLC
P.O. Box 1018
Caldwell, Texas 77836

The standards of Texas are traceable to the National Institute of Standards and Technology (NIST) and are part of a comprehensive measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty reported by this laboratory. The data below applies only to the artifacts identified in this report at the time of test.

Test Date: 08/31/2015
Calibration Due: 08/31/2016

Temperature Range: 15 °C to 30 °C
Relative Humidity Range: 40 % to 60 %
Procedure: NISTIR 7383, SOP 19, Volume Transfer Method
Standard(s): Giddings Metrology Laboratory Echelon II Volume Transfer Standards

The expanded standard uncertainty includes the standard uncertainty reported for the standard, the standard uncertainty for the measurement process, and a component of uncertainty to account for any observed deviations that have a significant effect on the calibration. The expanded uncertainty given here is in compliance with NIST Technical Note 1297 ("Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results") with a k = 2, representing a 95.45 % confidence level.

Note:

To convert from gallon to cubic inch: Multiply gallon by 231
To convert from cubic inch to gallon: Divide cubic inch by 231
To convert from cubic inch to cubic meter: Multiply cubic inch by 0.000016387064

for Philip Wright
Director For Consumer Product Protection

Daniel Gibbons
Metrologist

TEXAS DEPARTMENT OF AGRICULTURE
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Phone: (979) 542-3231 - Fax: (888) 205-7741

REPORT OF CALIBRATION

For

1-100 Gallon Bulk Test Prover

Test Completed:
08/31/2015

Calibration Due:
08/31/2016

Test Number
G-000005270

Submitted by
Cothern's Tanker Inspections LLC
P.O. Box 1018
Caldwell, Texas 77836

The volumetric provers described below have been compared to the standards of the State of Texas and were found to deliver as follows:

Temperature Range: 15 °C to 30 °C
Relative Humidity Range: 40 % to 60 %
Procedure: NISTIR 7383, SOP 19, Volume Transfer Method

Standard(s): Giddings Metrology Laboratory Echelon II Volume Transfer Standards

Volume (Gallon)	Serial / ID #	As Found Volume Delivered @ 60 °F (in^3)	As Left Volume Delivered @ 60 °F (in^3)	Expanded Uncertainty ± (in^3)	Coefficient of Expansion (/ °F)	Average Water Temp. at Time of Test (°F)	Manufacturer
100	1416	23101.0	23101.4	4.4	0.0000265	72.26	GSS

To convert from gallon to cubic inch: multiply by 231
To convert from cubic inch to gallon: divide by 231

Above values apply when prover is level and the 30-second drainage method is used after cessation of the main flow.
The above values do not apply if the calibration seals are tampered with or broken.
The expanded uncertainty given here is in compliance with NIST Technical Note 1297 ("Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results") with a coverage factor of two, representing a 95.45 % confidence level.
This report is not to be used to claim product endorsement by the Texas Department of Agriculture or any agency of the the U.S. Government. This document shall not be reproduced, except in full, without the written approval of the Texas Department of Agriculture Metrology Laboratory.

for Philip Wright
Director For Consumer Product Protection

Daniel Gibbons
Metrologist

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COMMISSIONER SID MILLER
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Phone: (979) 542-3231 - Fax: (888) 205-7741

Test Number
G-000005270

REPORT OF CALIBRATION

FOR
100 Gallon LPG Prover
Serial Number: 2100

SUBMITTED BY
Cothern's Tanker Inspections LLC
P.O. Box 1018
Caldwell, Texas 77836

The standards of Texas are traceable to the National Institute of Standards and Technology (NIST) and are part of a comprehensive measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty reported by this laboratory. The data below applies only to the artifacts identified in this report at the time of test.

Test Date: 08/31/2015
Calibration Due: 08/31/2016

Temperature Range: 15 °C to 30 °C
Relative Humidity Range: 40 % to 60 %
Procedure: NISTIR 7383, SOP 21, Volume Transfer Method
Standard(s)[1]: Giddings Metrology Laboratory Echelon II Volume Transfer Standards

[1] *State standard(s) calibration and due dates are available upon request from the Giddings Metrology Laboratory.*

The expanded standard uncertainty includes the standard uncertainty reported for the standard, the standard uncertainty for the measurement process, and a component of uncertainty to account for any observed deviations that have a significant effect on the calibration. The expanded uncertainty given here is in compliance with NIST Technical Note 1297 ("Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results") with a k = 2, representing a 95.45 % confidence level.

Note: Calibration status of the LPG pressure gauge has not been determined.

Note:

To convert from gallon to cubic inch: Multiply gallon by 231
To convert from cubic inch to gallon: Divide cubic inch by 231
To convert from cubic inch to cubic meter: Multiply cubic inch by 0.000016387064

for Philip Wright
Director For Consumer Product Protection

Daniel Gibbons
Metrologist

TEXAS DEPARTMENT OF AGRICULTURE

COMMISSIONER SID MILLER

Metrology Laboratory - 1258 CR 226 / P.O. Box 1518 - Giddings, Texas 78942

Phone: (979) 542-3231 - Fax: (888) 205-7741

REPORT OF CALIBRATION

Test Number
G-000005270

For
100 Gallon LPG Prover
Serial Number: 2100

Date Tested: 08/31/2015
Date Due: 08/31/2016

Submitted by
Cothern's Tanker Inspections LLC
P.O. Box 1018
Caldwell, Texas 77836

Temperature Range: 18 °C to 27 °C Relative Humidity Range: 40 % to 60 %
Calibration Procedure: NIST NISTIR 7383, SOP 21
The standard described above has been compared with the standards of the State of Texas and found to deliver as follows:

P.S.I.G.	Nominal Volume (Gallon)	As Found Volume Delivered at 60 °F (Gallon)	As Left Volume Delivered at 60 °F (Gallon)	Expanded Uncertainty ± (Gallon)
0	100	□ 99.994	□ 99.939	0.026
10	100	100.000	99.945	0.026
20	100	100.006	99.952	0.026
30	100	100.012	99.958	0.026
40	100	100.018	99.964	0.026
50	100	100.024	□ 99.971	0.026
60	100	100.030	99.976	0.026
70	100	100.036	99.982	0.026
80	100	100.043	99.988	0.026
90	100	100.049	99.994	0.026
100	100	□ 100.055	□ 100.000	0.026
110	100	100.061	100.001	0.026
120	100	100.067	100.003	0.026
130	100	100.073	100.005	0.026
140	100	100.079	100.007	0.026
150	100	100.085	□ 100.009	0.026
160	100	100.091	100.012	0.026
170	100	100.097	100.016	0.026
180	100	100.103	100.020	0.026
190	100	100.109	100.024	0.026
200	100	100.115	□ 100.028	0.026

Above values apply when prover is level, and when liquid reaches the top of the lower gage glass it is allowed to drain from the interior of the prover into the lower neck for 30-seconds prior to setting the bottom zero graduation. The above values do not apply if the levels are damaged or removed. Prover was calibrated at pressures indicated by a "□". All other values were determined by interpolation.
The expanded uncertainty given here is in compliance with NIST Technical Note 1297 ("Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results") with a coverage factor of two, representing a 95.45 % confidence level. This report is not to be used to claim product endorsement by the Texas Department of Agriculture or any agency of the U.S. Government. This document shall not be reproduced, except in full, without prior written approval of the Texas Department of Agriculture Metrology Laboratory.

for Philip Wright
Director For Consumer Product Protection

Daniel Gibbons
Metrologist

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REPORT OF CALIBRATION

Test Number
G-000005270

For
100 Gallon LPG Prover
Serial Number: 2100

Date Tested: 08/31/2015
Date Due: 08/31/2016

Submitted by
Cothern's Tanker Inspections LLC
P.O. Box 1018
Caldwell, Texas 77836

Temperature Range: 18 °C to 27 °C Relative Humidity Range: 40 % to 60 %

Calibration Procedure: NIST NISTIR 7383, SOP 21

Nominal Volume = 100 gal

Nominal Volume = 23100 in³

Temperature Correction = $\Delta V = V (t - t_{ref}) \beta$

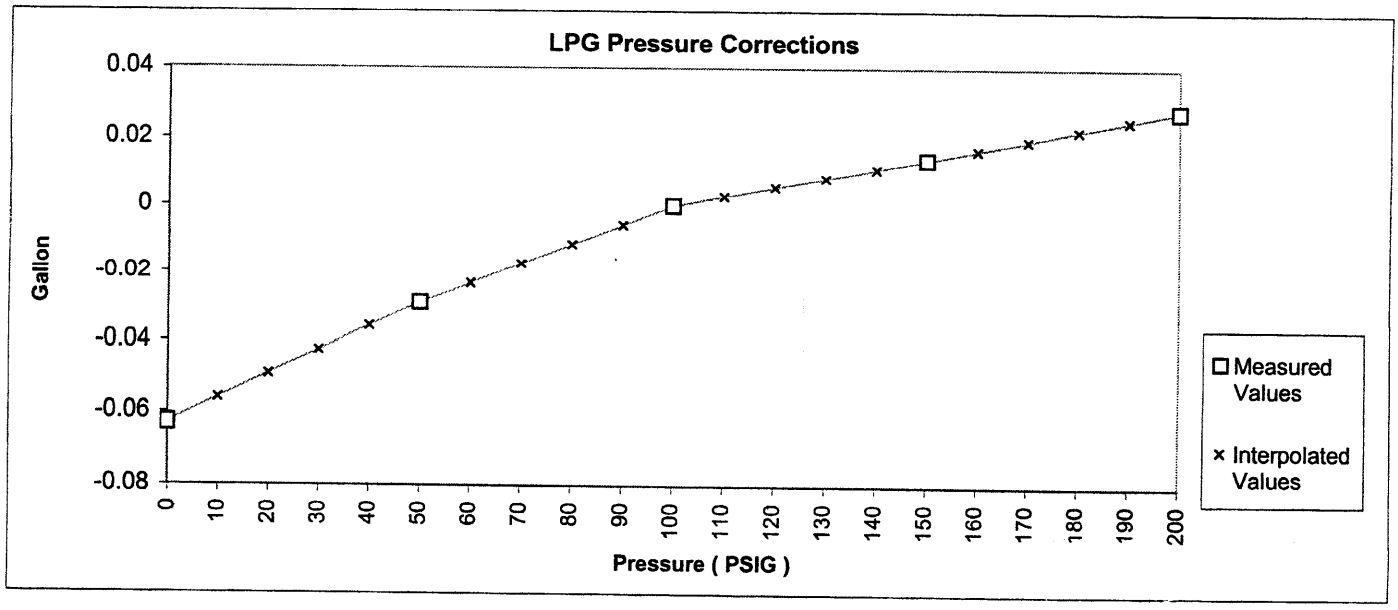
V = Volume in³

β = Prover Material Coefficient of Expansion / °F

t_{ref} = 60 °F

Table 3: Volume Corrections for Thermal Expansion or Contraction for a 100 (Gallon) GSS Steel LPG

β:	0.0000160 / °F	
Temperature (°F)	**ΔV (gal)**	**ΔV (in³)**
10	-0.0800	-18.480
20	-0.0640	-14.784
30	-0.0480	-11.088
40	-0.0320	-7.392
50	-0.0160	-3.696
60	0.0000	0.000
70	0.0160	3.696
80	0.0320	7.392
90	0.0480	11.088
100	0.0640	14.784
110	0.0800	18.480
120	0.0960	22.176



for Philip Wright
Director For Consumer Product Protection

Daniel Gibbons
Metrologist

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Texas

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 III

1000 kg to 1 mg

3750 lb to 0.001 lb

12 oz to 0.03125 oz

Weight Carts

6000 lb to 2500 lb

Volume Transfer, II

1000 gal to 5 gal

300 gal to 25 gal LPG

2015 to 2016

Carol T. Hockert

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

Effective Dates: 2015-01-01 to 2016-12-31

Amended: 2015-12-31
Reduced upper limit of Mass Echelon III Scope.

(Rev.: March 2013)