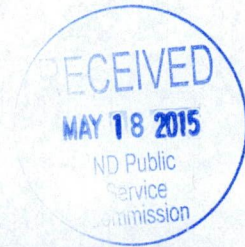




**APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY**

Public Service Commission  
SFN 51277 (2/2014)



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

<b>Name of Company</b> Cothorn's Tanker Inspections, LLC	<b>Email Address</b> Cothornstankerinspec@yahoo.com	<b>Application Date</b>	
<b>Mailing Address</b> P.O. Box 1018	<b>City</b> Caldwell	<b>State</b> TX	<b>Zip Code</b> 77834
<b>Telephone Number</b> (979) 272-1400	<b>Cell Phone Number</b> (979) 324-3335	<b>Fax Number</b> (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)
<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 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 checked="" type="checkbox"/> 3. Vehicle Tank: Max. Flow Rate: <u>100</u> <input checked="" type="checkbox"/> 4. Stationary Bulk (fuel or oil): Max. Flow Rate: <u>100</u> <input checked="" type="checkbox"/> 5. LPG <input checked="" 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
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	<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:

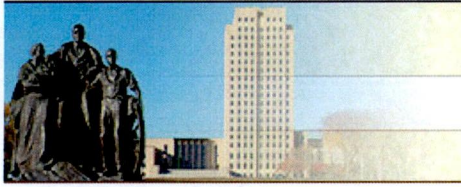
Include my company information on your registered service company list for public contact.  
 Yes     No

I am Riley B. Cothern, 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



# SECRETARY OF STATE NORTH DAKOTA



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## COTHERN'S TANKER INSPECTIONS, LLC

### Corporation Details

**System ID:** 37692200

**Phone:** (800) 553-1770

**Type:** FOREIGN LIMITED LIABILITY COMPANY

**Status:** Active & Good Standing

**Original File Date:** 10/06/2014

**Effective Date:** 10/06/2014

**State of Origin:** Texas

### 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.


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**Test Number**  
 G-000004950

## REPORT OF CALIBRATION

FOR  
 100 Gallon LPG Prover  
 Serial Number: 2092



**SUBMITTED BY**  
 Cothorn'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: 03/03/2015**  
**Calibration Due: 03/31/2016**

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

<sup>1</sup>State standard(s) calibration and due dates are available upon request from the Giddings Metrology Laboratory.

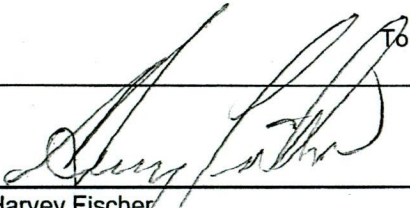
The expanded standard uncertainty includes the standard uncertainty reported for the standard, the standard uncertainty for the measurement process, and a component of uncertainty to account for any observed deviations that have a significant effect on the calibration. The expanded uncertainty given 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.

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 the written approval of the Texas Department of Agriculture Metrology Laboratory.

*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

  
 \_\_\_\_\_  
 Harvey Fischer  
 Lab Manager

  
 \_\_\_\_\_  
 Preston Adachi  
 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

For

100 Gallon LPG Prover

Serial Number: 2092

Test Number

G-000004950

Date Tested: 03/03/2015

Date Due: 03/31/2016

Submitted by

Cothorn'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	□ 99.898	□ 99.946	0.026
10	100	99.905	99.951	0.026
20	100	99.912	99.956	0.026
30	100	99.918	99.960	0.026
40	100	99.925	99.965	0.026
50	100	99.931	□ 99.970	0.026
60	100	99.938	99.977	0.026
70	100	99.944	99.984	0.026
80	100	99.951	99.990	0.026
90	100	99.957	99.997	0.026
100	100	□ 99.964	□ 100.004	0.026
110	100	99.970	100.007	0.026
120	100	99.977	100.011	0.026
130	100	99.984	100.014	0.026
140	100	99.990	100.017	0.026
150	100	99.997	□ 100.020	0.026
160	100	100.003	100.027	0.026
170	100	100.010	100.033	0.026
180	100	100.016	100.039	0.026
190	100	100.023	100.046	0.026
200	100	100.029	□ 100.052	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.

Harvey Fischer  
Lab Manager

Preston Adachi  
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-000004950

Date Tested: 03/03/2015

Date Due: 03/31/2016

For  
100 Gallon LPG Prover

Serial Number: 2092

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

Calibration Procedure: NIST NISTIR 7383, SOP 21

V = Volume in<sup>3</sup>

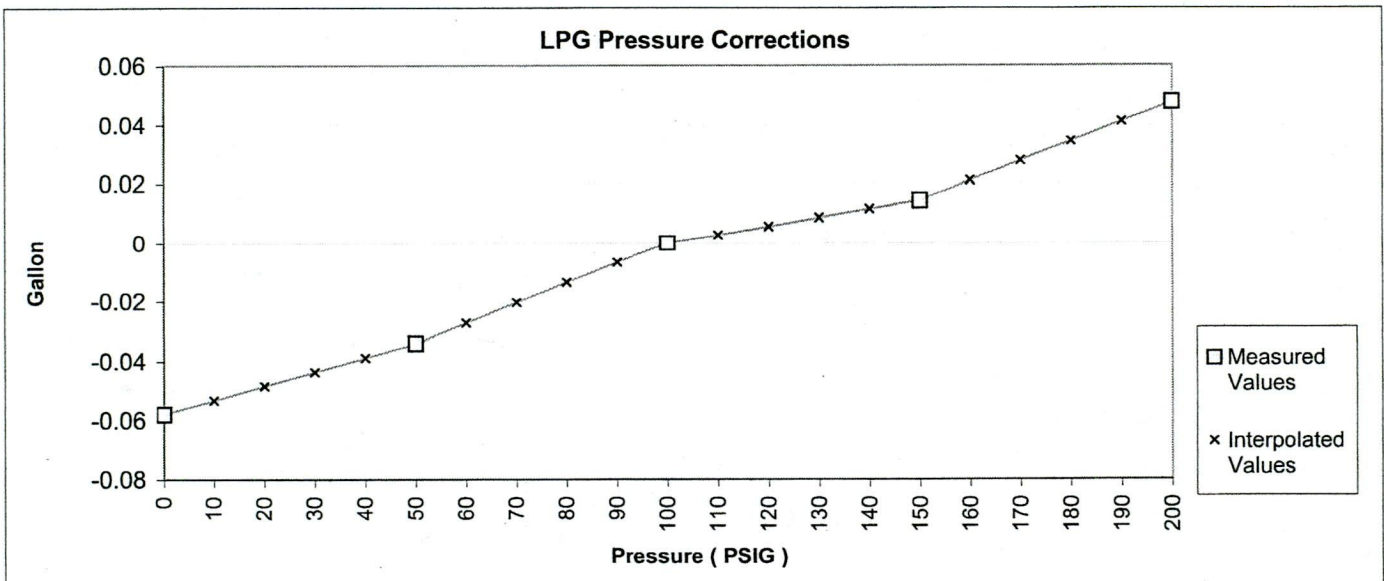
$\beta$  = Prover Material Coefficient of Expansion / °F

Nominal Volume = 100 gal

t<sub>ref</sub> = 60 °F

Nominal Volume = 23100 in<sup>3</sup>

Table 3: Volume Corrections for Thermal Expansion or Contraction for a 100 (Gallon) GSS Steel LPG		
$\beta$ : 0.0000160 / °F		
Temperature (°F)	$\Delta V$ (gal)	$\Delta V$ (in <sup>3</sup> )
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



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*Harvey Fischer*  
Harvey Fischer  
Lab Manager

*Preston Adachi*  
Preston Adachi  
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

**Test Number**  
G-000004887

# REPORT OF CALIBRATION

FOR  
1 - 100 gallon bulk prover



**SUBMITTED BY**  
Cothern's Tanker Inspection 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:** 01/12/2015  
**Calibration Due:** 01/31/2016

**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.

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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

\_\_\_\_\_  
Harvey Fischer  
Lab Manager

\_\_\_\_\_  
Lisa Corn  
Metrologist