



Receipt Date: March 4, 2016
Test Date: March 4, 2016
Report Date: March 7, 2016

State Test No.: 335650
Serial No.: 38086
Barcode: 201128

Calibration Report

HOBBS, INC.
2389 BUSINESS LOOP I-94
MANDAN, ND 58554
Contact: JEFF ENGEL
Phone: 701-663-6363
PO Number: NONE
SOP: 32
Technician ID: 07

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Stainless Steel
Equipment Number: None
Condition: Excellent
Temperature: 18.9 °C
Pressure: 738.4 mmHg
Relative Humidity: 31.8 %
Standard H₂O Temp.: 14.6 °C
Artifact H₂O Temp.: 14.6 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	-0.01	5.0000	0.24	0.0000265
	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 %.

Mark Nicollet

Mark Nicollet
Quality Manager

Reviewed by:
Benjamin FitzPatrick

Benjamin FitzPatrick
Deputy Director



Receipt Date: March 4, 2016
Test Date: March 4, 2016
Report Date: March 7, 2016

State Test No.: 335651
Serial No.: 45206
Barcode: 201129

Calibration Report

HOBBS, INC.
2389 BUSINESS LOOP I-94
MANDAN, ND 58554
Contact: JEFF ENGEL
Phone: 701-663-6363
PO Number: NONE
SOP: 32
Technician ID: 07

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Mild Steel
Equipment Number: None
Condition: Good
Temperature: 18.9 °C
Pressure: 738.4 mmHg
Relative Humidity: 31.8 %
Standard H₂O Temp.: 14.7 °C
Artifact H₂O Temp.: 14.7 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	-0.13	4.9994	0.24	0.0000186
	As Left	-0.13	4.9994	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 %.

Mark Nicollet

Mark Nicollet
Quality Manager

Reviewed by:

Benjamin FitzPatrick

Benjamin FitzPatrick
Deputy Director



Receipt Date: March 4, 2016
 Test Date: March 4, 2016
 Report Date: March 7, 2016

State Test No.: 335652
 Serial No.: 40713
 Barcode: 201131

Calibration Report

HOBBS, INC.
 2389 BUSINESS LOOP I-94
 MANDAN, ND 58554
 Contact: JEFF ENGEL
 Phone: 701-663-6363
 PO Number: NONE
 SOP: 32
 Technician ID: 07

Item(s) Submitted: 5 Gallon Measure
 Manufacturer: Seraphin
 Material: Mild Steel
 Equipment Number: None
 Condition: Good
 Temperature: 18.9 °C
 Pressure: 738.4 mmHg
 Relative Humidity: 31.8 %
 Standard H₂O Temp.: 14.9 °C
 Artifact H₂O Temp.: 14.9 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.33	5.0014	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 %.

Mark Nicollet

Mark Nicollet
 Quality Manager

Reviewed by:

Benjamin FitzPatrick

Benjamin FitzPatrick
 Deputy Director



Receipt Date: March 4, 2016
Test Date: March 4, 2016
Report Date: March 7, 2016

State Test No.: 335653
Serial No.: 35213-8
Barcode: 201130

Calibration Report

HOBBS, INC.
2389 BUSINESS LOOP I-94
MANDAN, ND 58554
Contact: JEFF ENGEL
Phone: 701-663-6363
PO Number: NONE
SOP: 32
Technician ID: 07

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Stainless Steel
Equipment Number: None
Condition: Excellent
Temperature: 18.9 °C
Pressure: 738.4 mmHg
Relative Humidity: 31.8 %
Standard H₂O Temp.: 14.8 °C
Artifact H₂O Temp.: 14.8 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.19	5.0008	0.24	0.0000265
	As Left	0.19	5.0008	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 %.

Mark Nicollet

Mark Nicollet
Quality Manager

Reviewed by:

Benjamin FitzPatrick

Benjamin FitzPatrick
Deputy Director



Receipt Date: March 4, 2016
Test Date: March 4, 2016
Report Date: March 4, 2016

State Test No.: 335649
Serial No.: 1362
Barcode: 201127

Calibration Report

HOBBS, INC.
2389 BUSINESS LOOP I-94
MANDAN, ND 58554
Contact: JEFF ENGEL
Phone: 701-663-6363
PO Number: NONE
SOP: 33
Technician ID: 07

Item(s) Submitted: 100 Gallon Prover
Manufacturer: Gas Service & Supply
Material: Stainless Steel
Description: Dry Bottom
Condition: Excellent
Temperature: 18.8 °C
Pressure: 738.3 mmHg
Relative Humidity: 30.4 %
Standard H₂O Temp.: 6.0 °C
Artifact H₂O Temp.: 6.1 °C

Nominal Volume (gal)		Tested Volume (gal)	Error (in ³)	Uncertainty (in ³)	Coefficient of Expansion(°F)
100	As Found	100.002	0.5	2.4	0.0000265
	As Left	100.002	0.5	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 %.

Mark Nicollet

Quality Manager

Reviewed by:
Benjamin FitzPatrick

Deputy Director

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	Weight Carts	Volume Gravimetric, I
50 kg to 1 mg	10 000 lb to 2000 lb	20 L to 10 ml
1000 lb to 0.001 lb	Wheel Load Weighers	100 gal to 0.25 qt
4 oz to 0.03125 oz	20 000 lb to 2000 lb	Volume Transfer, II
Mass Echelon III	Railroad Test Cars	1500 gal to 5 gal
50 kg to 1 mg	110 000 lb to 80 000 lb	100 gal to 25 gal LPG
5000 lb to 0.001 lb		
4 oz to 0.03125 oz		

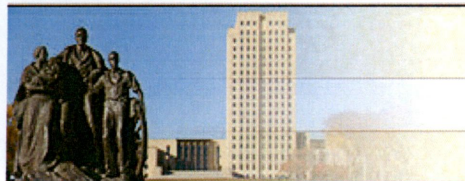


2016 to 2017

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

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

North Dakota

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North Dakota State GovernmentNorth Dakota
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HOBBS, INC.

Corporation Details

System ID: 1215100 **Phone:** (701) 663-6363
Type: BUSINESS CORPORATION
Status: Active & Good Standing
Original File Date: 05/09/1966 **Effective Date:** 05/09/1966
State of Origin: North Dakota

Nature of Business

PETROLEUM EQUIPMENT SERVICE & SALES

Principal Office

2389 BUSINESS LOOP I-94 MANDAN, ND 58554-

Registered Agent

TODD KRENELKA
2385 HWY 10
MANDAN, ND 58554-5908
Established Date: Sep 03, 2004

Authorized Shares

Class	Number	Par Value
	250.000000	\$.000000

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