



Receipt Date: June 5, 2015
Test Date: June 5, 2015
Report Date: June 5, 2015

State Test No.: 334350
Serial No.: 07-05607
Barcode: 013144

Calibration Report

MIDWEST PUMP & TANK
820 S HWY 281
ABERDEEN, SD 57402-2105
Contact: Jerry Sjervew
Phone: 605-380-5185
PO Number: NONE
SOP: 32
Technician ID: 07

Item(s) Submitted: 5 Gallon Measure
Manufacturer: Seraphin
Material: Stainless Steel
Equipment Number: None
Condition: Good
Temperature: 23.6 °C
Pressure: 741.5 mmHg
Relative Humidity: 56. %
Standard H₂O Temp.: 22.3 °C
Artifact H₂O Temp.: 22.3 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.31	5.0013	0.62	0.0000265
	As Left	0.14	5.0006	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 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 NIST Technical Note 1297. The confidence interval is 95 %.

Results apply to item identified in this report only.

Mark Nicollet

Mark Nicollet
Quality Manager

Reviewed by:
Pete Whebbe

Pete Whebbe
Metrologist



Receipt Date: June 5, 2015
Test Date: June 5, 2015
Report Date: June 5, 2015

State Test No.: 334351
Serial No.: None
Barcode: 013146

Calibration Report

MIDWEST PUMP & TANK
820 S HWY 281
ABERDEEN, SD 57402-2105
Contact: JERRY
Phone: 605-380-5185
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: 23.6 °C
Pressure: 741.5 mmHg
Relative Humidity: 56. %
Standard H₂O Temp.: 22.4 °C
Artifact H₂O Temp.: 22.4 °C

Nominal Volume (gal)		Error (in ³)	Volume at Zero Line (gal)	Uncertainty (in ³)	Coefficient of Expansion (1/°F)
5	As Found	0.26	5.0011	0.62	0.0000186
	As Left	0.26	5.0011	0.62	

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

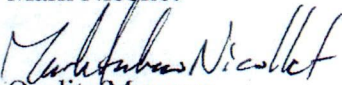
This measure or prover has been calibrated as a "to contain after wet down" vessel with a pour time of 30 seconds, a drain time of 10 seconds after cessation of full flow and at a reference temperature of 60 °F.

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.

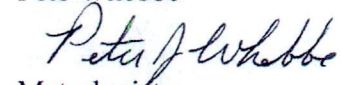
The reported uncertainty conforms to NIST Technical Note 1297. The confidence interval is 95 %.

Results apply to item identified in this report only.

Mark Nicollet


Quality Manager

Reviewed by:
Pete Whebbe


Metrologist



Receipt Date: June 5, 2015
Test Date: June 5, 2015
Report Date: June 5, 2015

State Test No.: 334349
Serial No.: 1221
Barcode: 201254

Calibration Report

MIDWEST PUMP & TANK
820 S HWY 281
ABERDEEN, SD 57402-2105
Contact: JERRY
Phone: 605-380-5185
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: 23.3°C
Pressure: 741.5 mmHg
Relative Humidity: 58. %
Standard H₂O Temp.: 12.9 °C
Artifact H₂O Temp.: 13.0 °C

Nominal Volume (gal)		Tested Volume (gal)	Error (in ³)	Uncertainty (in ³)	Coefficient of Expansion(°F)
100	As Found	99.992	-1.8	3.0	0.0000265
	As Left	99.992	-1.8	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 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 NIST Technical Note 1297. The confidence interval is 95 %.

Results apply to item identified in this report only.

Mark Nicollet

Mark Nicollet
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Reviewed by:

Pete Whebbe

Pete J. Whebbe
Metrologist