

Receipt Date: April 29, 2016
 Cal. Date: April 29, 2016
 Report Date: April 29, 2016

Report No.: 335894
 Serial No.: 44588
 Barcode: 202232

Calibration Certificate

RJT TESTING & SERVICE
 49134 150TH ST
 DONNELLY, MN 56235
 Contact: Randy Fults
 Phone: 320-589-4421
 PO Number: None
 SOP: 34
 Technician ID: 19

Item(s) Submitted: 100 Gallon LPG Prover
 Manufacturer: Arrow Tank
 Material: Mild Steel
 Description: Zero Bottom
 Condition: Good
 Temperature: 19.2 °C
 Pressure: 741 mmHg
 Relative Humidity: 45.5 %
 Standard H₂O Temp. 10.7 °C
 Artifact H₂O Temp.: 11.0 °C

Nominal		Calibrated				
Volume (gal)		Volume (gal)	Error (in ³)	<i>k</i>	U (in ³)	CCE (°F)
100	As Found (at 100 psig)	99.970	-7.0	2.02	5.3	0.0000186
	As Left (at 100 psig)	99.970	-7.0			

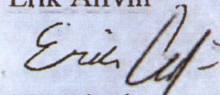
Neck Calibration: No neck calibration was performed at this time.

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. 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.

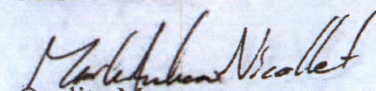
All tolerances and specifications were evaluated according to NIST Handbook 105-4 (2010). Uncertainty calculations contain the components in NIST SOP 21 and conform to the ISO/IEC Guide to the Expression of Uncertainty in Measurement (2008), including coverage factors (*k*) calculated at the approximate 95.45 % confidence level. Results apply to item identified in this report only.

CCE is the cubical coefficient of thermal expansion, and the reference temperature is 60 °F.

Erik Alfvín


 Metrologist

Reviewed by:
 Mark Nicollet


 Quality Manager