

**United States Department of Commerce  
National Institute of Standards and Technology**

**~ Certificate of Measurement Traceability ~  
for**

**Alaska**

**a participant in the NIST Weights and Measures  
Measurement Assurance Program for the Year(s)**

**2011 - 2012**

**The State standards are traceable to NIST and the laboratory has  
demonstrated\* measurement proficiency through training and  
interlaboratory comparisons compliant to NIST HB 143:2007  
(ISO/IEC 17025:2005).**



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for the National Institute of Standards and Technology*

Chief, Weights and Measures Division  
*Title*

August 1, 2011 to December 31, 2012  
*Effective Date Updated*

**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon III  
5 kg - 1 mg  
1,000 lb - 0.001 lb  
8 oz - 0.03125 oz  
Weight Carts  
3,000 lb  
Wheel Load Weighers  
40,000 lb - 10,000 lb

**Volume**

Volume transfer, II  
1,000 gal - 5 gal  
Field Calibrations  
100 gal - 5 gal

**Frequency**

Tuning forks  
100 mph - 30 mph

