

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

~ Certificate of Measurement Traceability ~

for

**Washington**

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

**2012 - 2013**

**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).**



*Carol T. Hockert,*  
*for the National Institute of Standards and Technology*

Chief, Office of Weights and Measures  
*Title*

January 1, 2012 to December 31, 2013  
*Effective Date*

**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon I

30 kg - 1 mg

Echelon II

30 kg - 1 mg

500 lb - 0.001 lb

4 oz - 0.03125 oz

Echelon III

30 kg - 1 mg

1,000 lb - 0.001 lb

4 oz - 0.03125 oz

Weight Carts

4,000 lb - 3,000 lb

**Volume**

Gravimetric, I

500 mL - 100 mL

5 gal - 2 fl oz

Volume transfer, II

1,000 gal - 5 gal

200 gal - 20 gal LPG

**Time**

Stopwatches, Timers

≤ 24 h

