

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

**~ Certificate of Measurement Traceability ~  
for**

**Oregon**

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

**2008**

**The State standards are traceable to NIST and the laboratory  
has demonstrated\* measurement proficiency through training  
and interlaboratory comparisons.**

*Carol T. Hockert*

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

**Chief, Weights and Measures Division**

*Title*

**January 1, 2008**

*Effective Date*

**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon I

30 kg - 1 mg

50 lb - 1 µlb

Echelon II

2 kg - 10 mg

4 oz - 0.03125 oz

Echelon III

300 kg - 1 mg

5000 lb - 0.001 lb

4 oz - 0.03125 oz

**Volume**

Gravimetric, I

5 gal

Volume transfer, II

1000 gal - 5 gal

**Length**

Steel tapes

100 ft - 1 ft

