

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

**~ Certificate of Measurement Traceability ~  
for**

**Missouri**

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

**2009**

**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. Hockett*

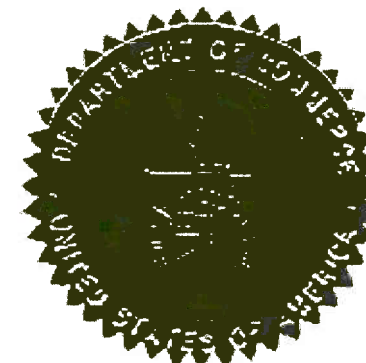
*Carol T. Hockett,  
for the National Institute of Standards and Technology*

Chief, Weights and Measures Division

*Title*

January 1, 2009 to December 31, 2009

*Effective Date*



**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon III

250 kg - 1 mg

5 000 lb - 0.001 lb

8 oz - 0.01325 oz

Weight Carts

5 000 lb - 2 500 lb

Railroad Test Cars

110 000 lb - 80 000 lb

**Volume**

Volume transfer, II

100 gal - 1 gal

**Grain Moisture**

19 % - 8 %