

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

**~ Certificate of Measurement Traceability ~  
for**

**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon II

25 kg - 1 mg

50 lb - 0.001 lb

4 oz - 0.03125 oz

Echelon III

250 kg - 1 mg

5,000 lb - 0.001 lb

4 oz - 0.03125 oz

Weight Carts

5,000 lb - 2,000 lb

Railroad Test Cars

110,000 lb - 80,000 lb

**Volume**

Volume Transfer, II

1,500 gal - 1 gal

100 gal - 25 gal LPG

**Grain Moisture**

19 % - 8 %

**Missouri**

**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*

