

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

**~ Certificate of Measurement Traceability ~  
for**

**Kansas**

**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*

February 1, 2011 to December 31, 2012  
*Revised Scope Effective Date*



**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon I (Internal Only)

25 kg - 1 mg

Echelon II

25 kg - 1 mg

1,000 lb - 0.001 lb

Echelon III

25 kg - 1 mg

10,000 lb - 0.001 lb

8 oz - 0.03125 oz

Weight Carts

10,000 lb - 3,000 lb

**Volume**

Gravimetric, I (Internal Only)

Volume transfer, II

1,500 gal - 1 gal

100 gal - 20 gal LPG

**Temperature**

IV 30 °C - 0 °C (Internal Only)