# 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)**

# 2010

**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, Weights and Measures Division
*Title*

July 1, 2010 to December 31, 2010
*Effective Date*

***Demonstrated Areas of Proficiency**

**Mass**
- Echelon II
  - 30 kg - 1 mg
  - 100 lb - 0.001 lb
- 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
  - 1,185 gal - 1 gal
  - 100 gal - 25 gal LPG

**Grain Moisture**
- 19 % - 8 %