

United States Department of Commerce  
National Institute of Standards and Technology

**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon II  
10 kg - 1 mg  
Echelon III  
25 kg - 1 mg  
5000 lb - 0.001 lb  
4 oz - 0.03125 oz

**Volume**

Volume transfer, II  
3 L - 10 mL  
100 gal - 1 pt

**Length**

Steel tapes 90 m - 0.1 m  
300 ft - 1 ft  
Rigid rules 18 in - 1 in

**Frequency**

Tuning forks  $\leq 100$  mph

**Stopwatches**

**Grain Moisture**

$\leq 25$  %

*Conditional Status:*

*Improvements to the laboratory facility are needed. Successful Proficiency Testing results needed in renovated facility (NIST HB 143 3.4, 5.3, 6.2). Conditional Recognition is issued only so the laboratory can provide services to meet weights and measures regulations.*

~ Certificate of Measurement Traceability ~  
for

**Colorado**

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 *conditionally 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

