

United States Department of Commerce
National Institute of Standards and Technology

~ Certificate of Measurement Traceability ~

for

Colorado

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

2012

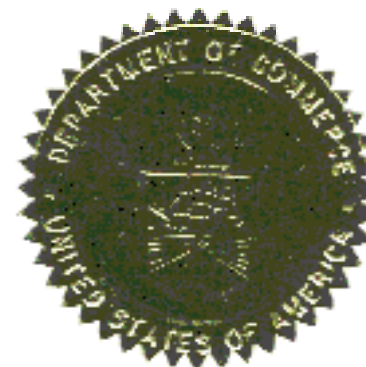
The State standards are traceable to NIST and the laboratory has demonstrated* measurement proficiency through training and interlaboratory comparisons compliant to NIST HB 143:2007 (ISO/IEC 17025:2005).



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

Chief, Office of Weights and Measures
Title

January 1, 2012 to December 31, 2012
Effective Date



***Demonstrated
Areas of Proficiency**

Mass

Echelon II
10 kg - 1 mg
Echelon III
30 kg - 1 mg
5,000 lb - 0.001 lb
8 oz - 0.03125 oz
Weight Carts
5,000 lb - 2,500 lb

Volume

Volume Transfer, II
1 L - 100 mL
100 gal - 1 pt
100 gal - 25 gal LPG

Length

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

Frequency

Tuning forks ≤ 100 mph

Stopwatches

24 h - 1 h

Grain Moisture

≤ 25 %