

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

**~ Certificate of Measurement Traceability ~
for**

Hawaii

**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 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

***Demonstrated
Areas of Proficiency**

Mass

Echelon I

1 kg - 1 mg
2 lb - 0.001 lb

Echelon II

5 kg - 1 mg
2 lb - 0.001 lb

Echelon III

30 kg - 1 mg
2500 lb - 0.001 lb
8 oz - 0.03125 oz

Volume

Gravimetric, I

20 L - 50 mL
25 gal - 2 fl oz

Volume transfer, II

1500 gal - 5 gal

Length

Steel tapes

100 ft - 1 ft

Time

Stopwatches

≤ 24 hrs

