Report of the 95th

National Conference

on Weights and Measures

##### St. Paul, Minnesota – July 11 through 15, 2010

*as adopted by the 95th National Conference on Weights and Measures 2010*

*Editors:*

Linda Crown

and

Technical Advisors to the Standing Committees

Carol Hockert, Chief

Weights and Measures Division

National Institute of Standards and Technology

Weights and Measures Division

Gaithersburg, MD 20899-2600

# **U.S. Department of Commerce**

*Gary Locke, Secretary*

### National Institute of

### Standards and Technology

*Patrick D. Gallagher, Director*

NIST Special Publication 1115

November 2010

*The National Conference on Weights and Measures is supported by the National Institute of Standards and Technology and is attended by officials from various states, counties, and cities, as well as representatives from the U.S. Government, other nations, industry, and consumer organizations.*

**Abstract**

The 95th Annual Meeting of the National Conference on Weights and Measures (NCWM) was held July 11 ‑ 15, 2010, at the Crowne Plaza St. Paul Riverfront, St. Paul, Minnesota. The theme of the meeting was “Breaking Molds to Shape the Future.”

Reports by the NCWM Board of Directors, Standing Committees, and Special Purpose Committees constitute the major portion of this publication, along with the addresses delivered by Conference officials and other authorities from government and industry.

Special meetings included those of the Scale Manufacturers Association, Meter Manufacturers Association, Gasoline Pump Manufacturers Association, American Petroleum Institute, National Association of State Departments of Agriculture, the Industry Committee on Packaging and Labeling, and Associate Membership Committee.

Key words: laws and regulations; legal metrology; meters; scales; specifications and tolerances; training; type evaluation; uniform laws; weights and measures.

Library of Congress Catalog Card Number 26-27766.

**Note:** The policy of the National Institute of Standards and Technology is to use metric units of measurement in all of its publications. In this publication, however, recommendations received by the NCWM technical committees have been printed as they were submitted and, therefore, may contain references to inch-pound units where such units are commonly used in industry practice. Opinions expressed in non-NIST papers are those of the authors and not necessarily those of the National Institute of Standards and Technology. Non-NIST speakers are solely responsible for the content and quality of their material.

Natl. Inst. Stand. Technol. Spec. Pub. 1115, 864 Pages (November 2010) CODEN: NSPUE2

WASHINGTON: 2010