

Foreword

This handbook compiles the latest Uniform Laws and Regulations and related interpretations and guidelines adopted by the National Conference on Weights and Measures, Inc. (NCWM). At the 1983 Annual Meeting, the NCWM voted to change the title of Handbook 130 and the titles of the Laws and Regulations compiled in this handbook. The former title of the handbook was "Model State Laws and Regulations." "Model State" was to be changed to "Uniform" in the titles to reflect that these Laws and Regulations are (a) intended to be standards rather than just guidelines, and (b) intended for adoption by political subdivisions other than States when deemed appropriate.

The compilation itself was endorsed by the NCWM in 1979. This edition includes amendments approved at the Annual Meeting in 2004. The Conference recommends adoption and promulgation by weights and measures jurisdictions of these Uniform Laws and Regulations as updated in this handbook.

The National Institute of Standards and Technology has a statutory responsibility to promote "cooperation with the States in securing uniformity of weights and measures laws and methods of inspection." In partial fulfillment of this responsibility, the Institute is pleased to publish these recommendations of the National Conference.

Hratch G. Semerjian

Acting Director

National Institute of Standards and Technology

This handbook promotes the primary use of the International System of Units (SI) as recommended in the Omnibus Trade and Competitiveness Act of 1988 by citing SI units before customary units where both units appear together, and by placing separate sections containing requirements for SI units before corresponding sections containing requirements for customary units. In some cases, however, trade practice is currently restricted to the use of customary units; therefore, some requirements in this handbook will continue to specify only customary units until the Conference achieves a broad consensus on the permitted metric units.

Committee on Laws and Regulations of the 89th Conference

D. Johannes, California

J. Gomez, New Mexico

M. Gray, Florida

J. Cassidy, Cambridge, Massachusetts

V. Dempsey, Montgomery County, Ohio

Associate Membership Committee Representative: V. Orr, ConAgra Refrigerated Prepared Foods

Canadian Technical Advisors: B. Lemon, D. Hutchinson

NIST Technical Advisor: K. Dresser

NIST Technical Advisor on the Uniform Regulation for National Type Evaluation: S. Cook

Past Chairmen of the Committee

Conference	Chairman	Conference	Chairman
41	G.H. Leithauser, MD	65	D.I. Offner, MO
42	F.M. Greene, CT	66	J.J. Bartfai, NY
43	F.M. Greene, CT	67	J.J. Bartfai, NY
44	G.L. Johnson, KY	68	J.J. Bartfai, NY
45	R. Williams, NY	69	W.R. Mossberg,, CA
46	J.H. Lewis, WA	70	E. Skluzacek, MN
47	J.H. Lewis, WA	71	D. Stagg, AL
48	J.H. Lewis, WA	72	A. Nelson, CT
49	J.H. Lewis, WA	73	K. Simila, OR
50	L. Barker, WV	74	K. Simila, OR
51	L. Barker, WV	75	S.B. Colbrook, IL
52	M. Jennings, TN	76	A. Nelson, CT
53	W.A. Kerlin, CA	77	B. Bloch, CA
54	J.F. Lyles, VA	78	F. Clem, OH
55	J.F. Lyles, VA	79	B. Bloch, CA
56	S.D. Andrews, FL	80	S. Rhoades, AZ
57	S.D. Andrews, FL	81	L. Straub, MD
58	S.D. Andrews, FL	82	S. Millay, ME
59	R.M. Leach, MI	83	K. Angell, WV
60	R.L. Thompson, MD	84	K. Angell, WV
61	C.H. Vincent, Dallas, TX	85	S. Morrison, CA
62	C.H. Vincent, Dallas, TX	86	R. Williams, TN
63	J.T. Bennett, CT	87	P. D'Errico, NJ
64	R.W. Probst, WI	88	D. Johannes, CA

Table of Contents

	Page
Foreword.....	iii
Committee Members.....	iv
2004 Amendments	vi
Introduction	1
Uniformity of Laws and Regulations.....	9
Summary of State Laws and Regulations in Weights and Measures	10
Uniform Laws.....	15
A. Uniform Weights and Measures Law.....	21
B. Uniform Weighmaster Law	31
C. Uniform Engine Fuels, Petroleum Products, and Automotive Lubricants Inspection Law	41
Uniform Regulations	49
A. Uniform Packaging and Labeling Regulation	57
B. Uniform Regulation for the Method of Sale of Commodities	93
C. Uniform Unit Pricing Regulation	121
D. Uniform Regulation for the Voluntary Registration of Servicepersons and Service Agencies for Commercial Weighing and Measuring Devices	127
E. Uniform Open Dating Regulation	135
F. Uniform Regulation for National Type Evaluation	143
G. Uniform Engine Fuels, Petroleum Products, and Automotive Lubricants Regulation	151
Examination Procedure for Price Verification.....	169
Interpretations and Guidelines	199
Index.....	265

2004 Amendments

The following table lists the laws and regulations amended by the 89th NCWM. As appropriate, the text on the cited pages indicates the changes to the law or regulation, section, or paragraph as "Added 2004" or "Amended 2004." Unless otherwise noted, the effective date of the regulations added or amended in 2004 is January 1, 2005.

Law or Regulation	L&R Committee Item No.	Section	Action	Page
Uniform National Type Evaluation Regulation	236-1	2.1. Active Certificate of Conformance	Amended	146
		2.2. Device	Amended	146
		3. Certificate of Conformance	Amended	147
Engine Fuels, Petroleum Products, and Automotive Lubricants Regulation	237-2	1.3. Automatic Transmission Fluid	Added	155
		1.28. Gear Oil	Added	156
		1.41. Motor Oil (Engine Oil)	Added	157
		1.42. Oil	Added	157
		2.12. Motor Oil	Added	160
		2.13. Products for Use in Lubricating Manual Transmissions, Gears, or Axles	Added	160
		2.14. Products for Use in Lubricating Automatic Transmissions	Added	160
		3.13. Oil	Added	165
Engine Fuels, Petroleum Products, and Automotive Lubricants Regulation	237-3A	1.9. Biodiesel	Added	155
		1.10. Biodiesel Blend	Added	155
		2.15. Biodiesel	Added	160
		2.16. Biodiesel Blend	Added	160
		2.16.1. Exception	Added	161

2004 Editorial Corrections

Law or Regulation	Section	Action	Page
Packaging and Labeling Regulation	6.5.1. Symbols	Amended	62
Method of Sale Regulation	1.12. Ready-to-Eat Food	Note Added	102