

## Appendix D. Acknowledgments and References

We would like to thank the State and local weights and measures officials who evaluated the test procedures and commented on the drafts of this edition. We also thank the many packagers, industries, and trade associations for their comments and suggestions. We also received support and encouragement from the U.S. Department of Agriculture, Food Safety and Inspection Service; the Office of Food Labeling at Food and Drug Administration; and from the Federal Trade Commission. This project could not have been accomplished without the support and encouragement we received from other members of the NIST Office of Weights and Measures, especially Tina G. Butcher, Georgia Harris, Michele Krebs, and Richard Suiter. We could not have completed this handbook without the technical support, guidance, and encouragement provided by this team of dedicated professionals and friends.

We want to also honor the dedication and hard work of NIST staff who were the creators and editors of the previous editions of this handbook, especially that of Dr. Carroll Brickenkamp, Steve Hasko, and the late Mary Natrella. We learned a great deal from their work, and we share their knowledge with others every day.

### REFERENCES

C. Brickenkamp, S. Hasko, and M.G. Natrella, NIST Handbook 133 – Third Edition Checking the Net Contents of Packaged Goods, 1988.

K. Butcher and T. Coleman, 4<sup>th</sup> Supplement to the Third Edition of NIST Handbook 133 – Checking the Net Contents of Packaged Goods, 1994.

T. Butcher, J. Williams, R. Suiter, and L. Crown, Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices, National Institute of Standards and Technology Handbook 44, 2004. Available at <http://www.nist.gov/owm>

T. Coleman, K. Dresser, and L. Crown, Uniform Laws and Regulations in the Areas of Legal Metrology and Engine Fuel Quality, National Institute of Standards and Technology Handbook 130, 2004. Available at <http://www.nist.gov/owm>

Compressed Gas Association, Fourth Edition - Handbook of Compressed Gases, 1999. Compressed Gas Association, 4221 Walney Road, 5<sup>th</sup> Floor, Chantilly, Virginia 20151-2923. URL: <http://www.cganet.com>

P. Cunniff, ed., Official Methods of Analysis of the Association of Official Analytical Chemists International, Seventeenth Edition, Association of Official Analytical Chemists, 481 North Frederick Avenue, Suite 500, Gaithersburg, Maryland 20877, 2003. URL: <http://www.aoac.org>

Federal Test Method Standard 311 “Leather, Methods of Sampling and Testing.” (January 15, 1969). U.S. General Services Administration.

G. L. Harris, Specifications and Tolerances for Reference Standards and Field Standard Weights and Measures, 1. Specifications and Tolerances for Field Standard Weights (National Institute of Standards and Technology Class F), National Institute of Standards and Technology Handbook 105-1, 1990. Available at <http://www.nist.gov/owm>

G. L. Harris, Specifications and Tolerances for Reference Standards and Field Standard Weights and Measures; 2. Specifications and Tolerances for Field Standard Measuring Flasks, National Institute of Standards and Technology Handbook 105-2, U.S. Government Printing Office, Washington, D.C., 1996. Available at <http://www.nist.gov/owm>

G. L. Harris, Specifications and Tolerances for Reference Standards and Field Standard Weights and Measures, 5. Specifications and Tolerances for Field Standard Stopwatches, National Institute of Standards and Technology Handbook 105-5, 1997. Available at <http://www.nist.gov/owm>

G. L. Harris, Specifications and Tolerances for Reference Standards and Field Standard Weights and Measures, 6. Specifications and Tolerances for Thermometers, National Institute of Standards and Technology Handbook 105-6, 1997. Available at <http://www.nist.gov/owm>

M. W. Jensen and R. W. Smith, The Examination of Weighing Equipment, National Institute of Standards and Technology Handbook 94, U.S. Government Printing Office, Washington, D.C., 1965.

G. D. Lee, Examination Procedure Outlines for Commercial Weighing and Measuring Devices, National Institute of Standards and Technology Handbook 112, 2002.

Rand Corporation. A Million Random Digits with 100,000 Normal Deviates, Glencoe, IL: The Free Press, 1955. The Rand Corporation, 1700 Main Street, P.O. Box 2138, Santa Monica, California 90407-2138. URL: <http://www.rand.org>

Standard Method of Test for Density of Plastics by the Density Gradient Technique, ASTM D 1505-03, 2003. URL: <http://www.astm.org>

Standard Method of Test for Volume of Processed Peat Materials, ASTM D 2978-71, 1998. URL: <http://www.astm.org>

Standard Method of Test for Yarn Number by the Skein Method, ASTM D 1907-01, 2001. URL: <http://www.astm.org>

Standard Practice for Calibration of Laboratory Volumetric Apparatus, ASTM E 542-01, 2001. URL: <http://www.astm.org>

Standard Specification for Glass Volumetric (Transfer) Pipets, ASTM E 969-02, 2002. URL: <http://www.astm.org>

Standard Specification for Laboratory Glass Graduated Burets, ASTM E 287-02, 2002. URL: <http://www.astm.org>.

Standard Specification for Polyethylene Film and Sheeting, ASTM D 2103-03, 2003. URL: <http://www.astm.org>

Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications, ASTM D 4397-02, 2002. URL: <http://www.astm.org>

Standard Test Methods for Thickness of Solid Electrical Insulation, ASTM D 374-99, 1999. URL: <http://www.astm.org>

U.S. Department of Defense Military Standard, Sampling Procedures and Tables for Inspection by Attributes (MIL-STD-105 D), U.S. Government Printing Office, Washington, D.C., 1963.

B. Younglove and N. Olien. NBS Technical Note 1079 - Tables of Industrial Gas Container Contents and Density for Oxygen, Argon, Nitrogen, Helium, and Hydrogen, 1985.