Appendix D. Acknowledgments and References

I 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. I also thank the many packagers, industries, and trade associations for their comments and suggestions. I 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, Terry Grimes, Georgia Harris, Joan Koenig, Michele Krebs, Janet Land, Joan Mindte (retired), and Richard Suiter. I could not have completed this handbook without the technical support, guidance, and encouragement provided by this team of dedicated professionals and friends.

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

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, 4th Supplement to the Third Edition of NIST Handbook 133 – Checking the Net Contents of Packaged Goods, 1994.

T. Butcher, J. Williams and T. Grimes, Specifications, Tolerances, and Other Technical Requirements or Weighing and Measuring Devices, National Institute of Standards and Technology Handbook 44, 2000.

T. Coleman and T. Grimes, NIST Handbook 130 Uniform Laws and Regulations in the Areas of Legal Metrology and Fuel Quality, National Institute of Standards and Technology, 2000.

Compressed Gas Association, Third Edition - Handbook of Compressed Gases, 1990. Compressed Gas Association, 1725 Jefferson Davis Highway, Suite 1004, Arlington, Virginia 22202-4100. URL: http://www.cganet.com

P. Cunniff, ed., Official Methods of Analysis of the Association of Official Analytical Chemists, Sixteenth Edition, Association of Official Analytical Chemists, Gaithersburg, Maryland. 1996. URL: http://www.aoac.org

R. S. Elder, "Determining Tare in Net Weight Acceptance Sampling," Journal of Quality Technology, 4, p. 131-133, 1972.

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.

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.

G. L. Harris, Specifications and Tolerances for Reference Standards and Field Standard Weights nd Measures, 5. Specifications and Tolerances for Field Standard Stopwatches, National Institute of Standards and Technology Handbook 105-5, 1997.

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.

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 Standard D1505-98, 1998.

Standard Method of Test for Volume of Peat Materials, ASTM D 2978-71, 1998.

Standard Method of Test for Yarn Number by the Skein Method, ASTM D 1907-97, 1997.

Standard Practice for Calibration of Laboratory Volumetric Apparatus, ASTM E 542-94, 1999

Standard Specification for Glass Volumetric (Transfer) Pipets, ASTM E 969-99,1999.

Standard Specification for Laboratory Glass Graduated Burets, American Society for Testing and Materials (ASTM), E 287-94,1998. URL: http://www.astm.org.

Standard Specification for Polyethylene Film and Sheeting, ASTM D 2103-97, 1997.

Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications, ASTM D 4397-96, 1996.

Standard Test Methods for Thickness of Solid Electrical Insulation, ASTM D 374-99, 1999.

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.