For the Human Touch of Technology Services

Information Services Division

http://nvl.nist.gov/ (301) 975-3052 Email - library@nist.gov

Standard Services Division

http://ts.nist.gov/ts/htdocs/210/ncsci/ncsci.htm (301) 975-4040 Email - ncsci@nist.gov

Measurement Services Division

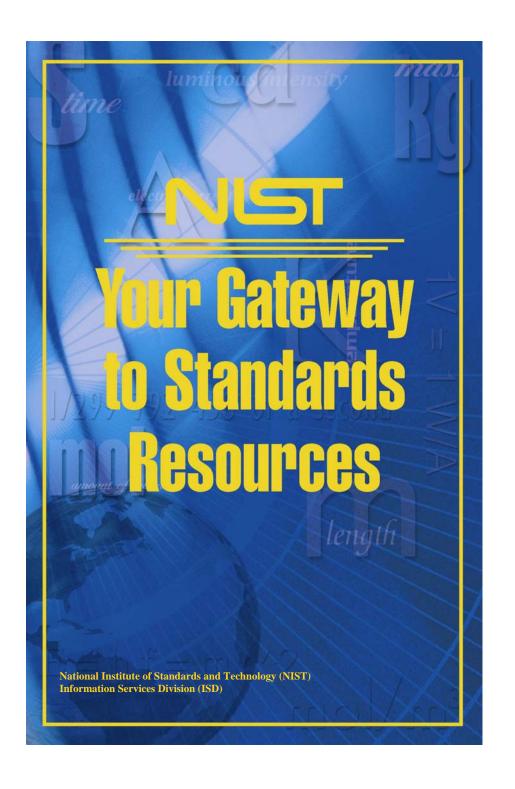
http://ts.nist.gov/ts/htdocs/230/230.htm (301) 975-6776

Weights & Measurements Division

http://ts.nist.gov/ts/htdocs/230/235/owmhome.htm (301) 975-4004 Email - owm@nist.gov



National Institute of Standards and Technology
Technology Administration, U.S. Department of Commerce



Publicly Available Standards, Recommended Values, and Guidelines

NIST is a non-regulatory agency of the U.S. Department of Commerce. NIST assures the technical soundness and acts as an unbiased coordinator in the development of standards as a means to facilitate trade and a healthy economy. NIST does not set standards, but recommends standards to regulatory agencies and standards setting organizations.

Technology Services (TS) provides a variety of products and services to U.S. industry and the public in collaboration with NIST laboratories, federal agencies, national measurement institutes, state and local governments, and the private sector.

Standards

http://nvl.nist.gov choose the "Standards" link

Federal Information Processing Standards – FIPS http://www.itl.nist.gov/fipspubs/

NIST develops standards, guidelines, and associated methods and techniques for Federal computer systems, including

- Those needed to assure the cost-effective security and privacy of sensitive information in Federal computer systems,
- When there are compelling Federal requirements and there are no existing voluntary industry standards.

Example: FIPS 197: Advanced Encryption Standard

Voluntary Product Standards

http://ts.nist.gov/ts/htdocs/210/sccg/vps.htm

The purpose of these standards is to establish nationally recognized requirements for products and to provide all concerned interests with a basis for common understanding of the characteristics of a product.

Example: Product Standard 20-99: American Softwood Lumber Standard

Standards Reference Service

NIST's National Center for Standards and Certification Information (http://www.nist.gov/ncsci) provides free standards reference service. NCSCI can identify relevant national and international standards and standards related information. NCSCI does not provide copies of standards, but will inform you where a standard may be purchased.

Standards.Gov

http://standards.gov

Standards.Gov offers background materials, useful links, and search tools for locating information about the use of standards in government.

Notify U.S.

http://tsapps.nist.gov/notifyus/data/index/index.cfm

An email notification service on proposed foreign regulations that may affect U.S. exports

Recommended Values

NIST Standard Reference Data

http://www.nist.gov/srd/

NIST provides documented numeric data for use in technical problem-solving, research, and development. These recommended values are based on data which have been extracted from the world's literature, assessed for reliability, and then evaluated to select the preferred values.

The **NIST Data Gateway**, http://srdata.nist.gov/gateway/, is a federated search of NIST standard reference data databases. Includes both free and fee databases. Examples: Hydrocarbon Spectral Database, NIST Chemistry Webbook

Guidelines

Computer Security Guidelines

http://csrc.nist.gov/publications/nistpubs/index.html

NIST Special Publication 800 series features NIST recommended guidelines for information technology security.

Example: NIST SP 800-58: Security Considerations for Voice Over IP Systems

Images

NIST Virtual Museum (NVM)

http://museum.nist.gov/

The NVM consists of images of artifacts related to the historical development of measurement standardization in many fields: electricity, time, temperature, and light are just a few.