

ISO TC/267 Facility Management FM Standards



**Federal Facilities Council – O&M
December 5, 2012**

Jim Whittaker



Standards

“Weights and measures [standards] may be ranked among the necessities of life to every individual of human society. They enter into the economical arrangements and daily concerns of every family. They are necessary to every occupation of human industry.”

JOHN QUINCY ADAMS - Report to the Congress, 1821

Standards

standard [□stændəd] *n*

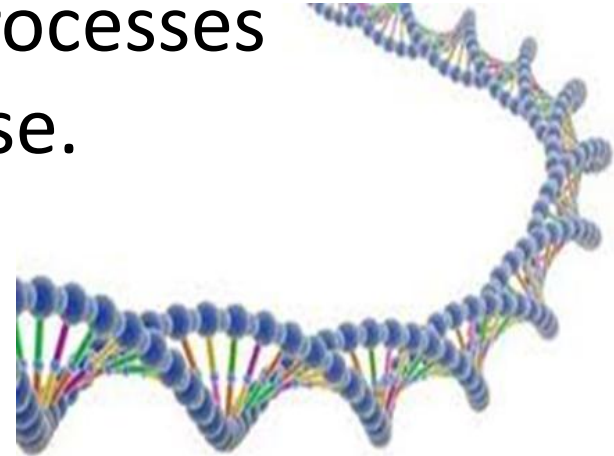
1. an approved example of something against which others are judged
2. a principle of propriety, honesty, and integrity *she has no standards*
3. a level of excellence or quality *a low standard of living*
4. any distinctive flag, etc., as of a nation, sovereign, or special cause
5. any of a variety of naval or military flags, or colors of a cavalry regiment
6. the commodity in which is stated the value or unit *the gold standard*
7. an authorized model of a unit of measure or weight
8. an upright pole or beam, especially one used as a support
9. a plant that is trained so that it has an upright stem free of branches
10. a song or piece of music that has remained popular for many years
11. the largest petal of a leguminous flower, such as a sweetpea



Standards

What is a standard?

A standard is a document that provides requirements, specifications, guidelines or characteristics that can be used consistently to ensure that materials, products, processes and services are fit for their purpose.



Standards

What are the benefits of ISO Standards?

1. Quality Products
2. Business Tools
3. Support for Companies



Agenda

- **Brief History of Standards**
- **About ISO**
- **About ANSI**
- **Progress of the ISO TC/267 ANSI TAG**
- **Next Steps and Needs**



A Brief History of Standards



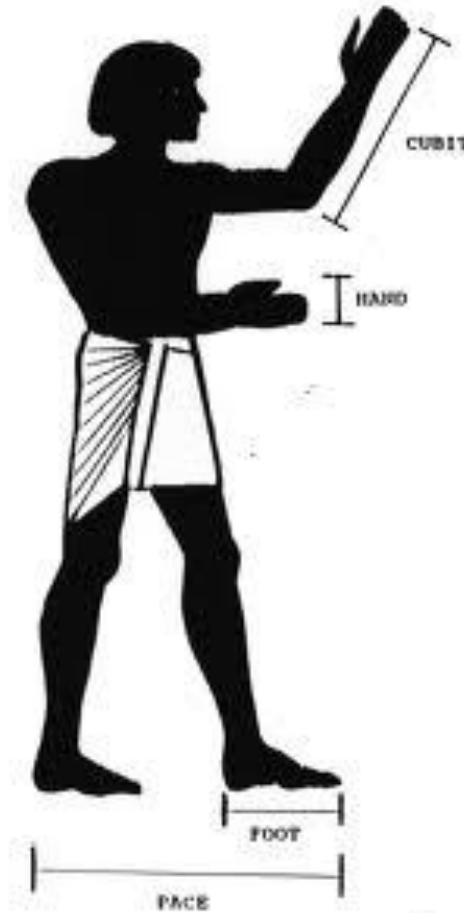
A Brief History of Standards



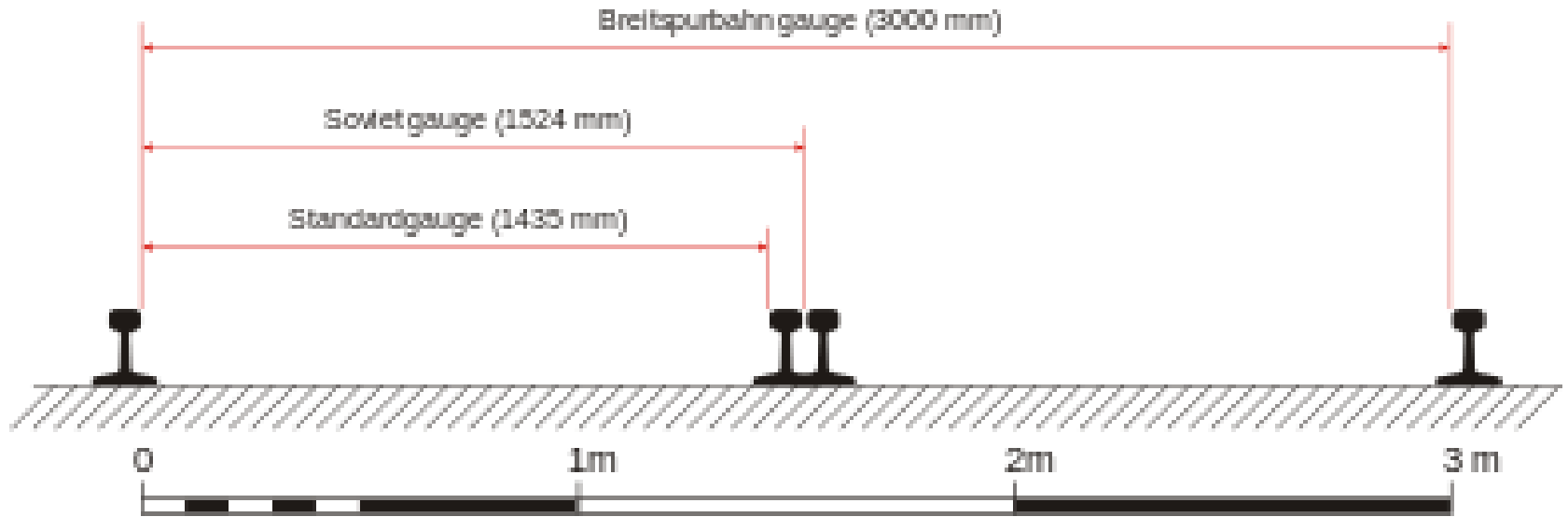
A Brief History of Standards



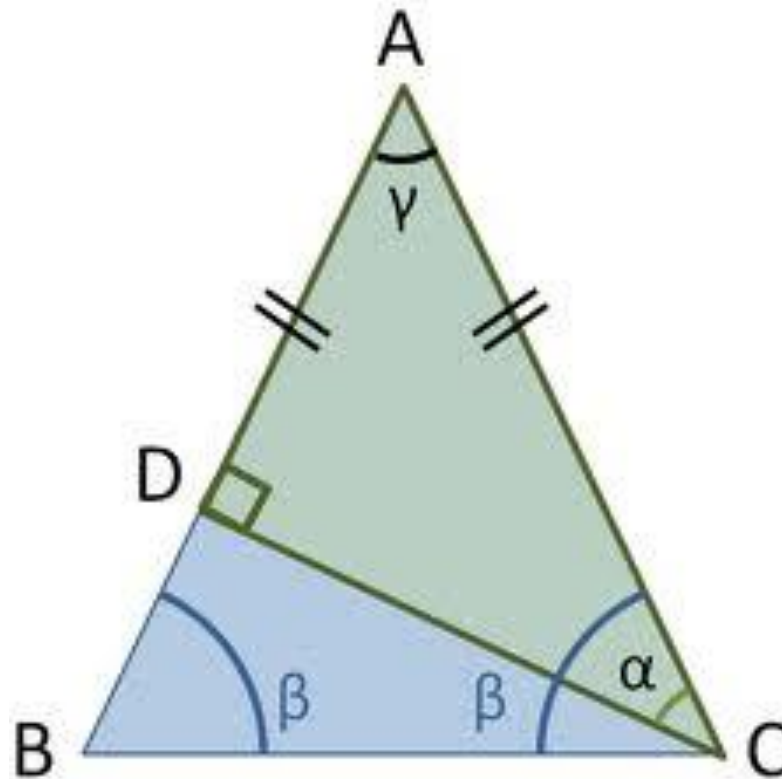
A Brief History of Standards



A Brief History of Standards



International Organization for Standardization (ISO)



ISO - [From Greek 'isos', *equal*.]

International Organization for Standardization (ISO)

ISO's Mission

ISO develops high quality voluntary International Standards which facilitate international exchange of goods and services, support sustainable and equitable economic growth, promote innovation and protect health, safety and the environment.



ISO in figures

Members: 163 national standards bodies

Technical Bodies: 3,335 (inc. 224 TCs)

Standards: 19,023

Work-in-Progress: 1,419 new projects

Work Items: 4,007



International Organization for Standardization (ISO)

ISO's Standards Development

ISO develops its standards through an effective process which meets customer needs and:

- Ensures consensus
- Compliant with ISO Code of Ethics
- Open, transparent and impartial process
- Supports the participation of developing countries
- Produces coherent, effective, widely recognized and relevant standards



The ISO Standards Process



American National Standards Institute (ANSI)

Founded: October 19, 1918 (AIEE invited ASME, ASCE, AIME, & ASTM)

Purpose: Impartial national body to coordinate standards development.

Legal Status: 501 (c) 3 private, not-for-profit

Membership: Government agencies, companies, academic bodies and individuals.



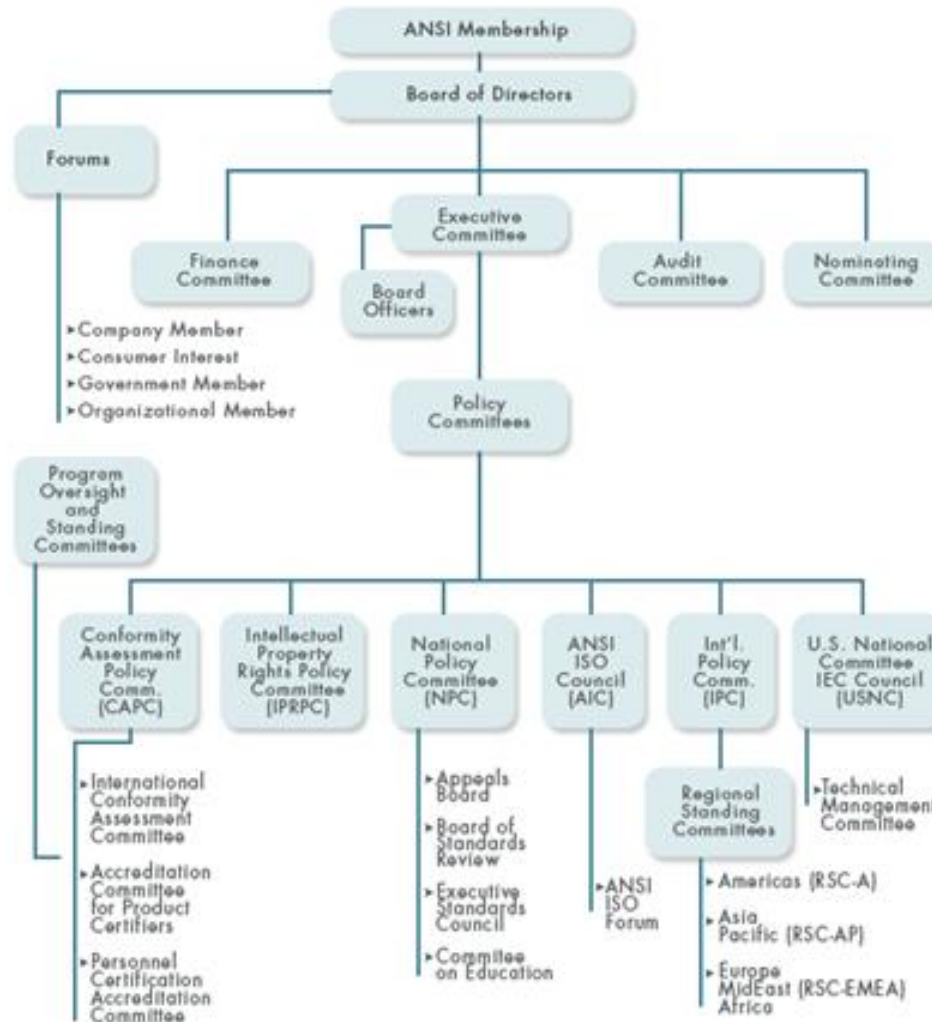
American National Standards Institute (ANSI)

ANSI's Mission

To enhance both the global competitiveness of U.S. business and the U.S. quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems, and safeguarding their integrity.



American National Standards Institute (ANSI)



American National Standards Institute (ANSI)

ANSI TAG Processes

- 1. Form ANSI-accredited US/TAG**
- 2. US/TAG - US participation on ISO/TC**
- 3. TAG – US consensus on all technical matters related to ISO/TC 267**



ISO TC/267 FM Standards



ISO TC/267 FM Standards

- **Late 2011: ISO Technical Management Board (TMB) established a new Technical Committee (ISO/TC 267 Facilities management)**
- **February 21, 2012: Stan Mitchell, Chairman of ISO TC/267, formally welcomed committee.**
- **BSI – Secretariat proposed two CEN Standards**

ISO TC/267 Participating Countries

- ❑ Australia (SA)
- ❑ Austria (ASI)
- ❑ Canada (SCC)
- ❑ China (SAC)
- ❑ Czech Republic (UNMZ)
- ❑ Denmark (DS)
- ❑ Finland (SFS)
- ❑ France (AFNOR)
- ❑ Germany (DIN)
- ❑ Hungary (MSZT)
- ❑ India (BIS)
- ❑ Japan (JISC)
- ❑ Korea (KATS)
- ❑ Malaysia (DSM)
- ❑ Norway (SN)
- ❑ Spain (AENOR)
- ❑ Thailand (TISI)
- ❑ United Kingdom (BSI) - Secretariat
- ❑ USA (ANSI)

ISO TC/267 Observing Countries

- ❑ India (BIS)
- ❑ Colombia (ICONTEC)
- ❑ Iran, Islamic Republic of (ISIRI)
- ❑ Italy (UNI)
- ❑ France (AFNOR)
- ❑ Netherlands (NEN)
- ❑ Poland (PKN)
- ❑ Serbia (ISS)
- ❑ Sweden (SIS)
- ❑ Switzerland (SNV)
- ❑ Tanzania, United Republic of (TBS)

Related ISO WGs & Standards

ISO 12006 Organization of Information about Construction Works (BIM)

ISO 14000 Environmental Management

ISO 16739 Industry Foundation Classes (IFC)

ISO 26000 Sustainability

ISO 29481 Information Delivery Models (IDM)

ISO 50001 Energy Management

ISO 55000 Asset Management



US TAG - ISO/TC 267 FM

- Spring 2012 IFMA/ANSI began process
- September 2012: ANSI's TAG steps to become active P-member of ISO/TC 267
- October 3, 2012 ANSI TAG met in D.C.
 - Adopted ANSI model procedures
 - Confirmed ANSI as US/TAG Administrator
 - Formalized US positions on ISO/TC 267
- November 21-23 US/TAG delegation at ISO TC meeting in Berlin



New Work Proposals

First Work Proposal Being Presented:

Title of the proposed deliverable - Facility Management - Part 1: Terms and Definitions

Scope of the proposed deliverable - This standard gives relevant terms and definitions in the area of Facility Management (FM). It also provides insight into the scope of FM

Basis - CEN TC 348

EUROPEAN STANDARD

EN 15221-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2006

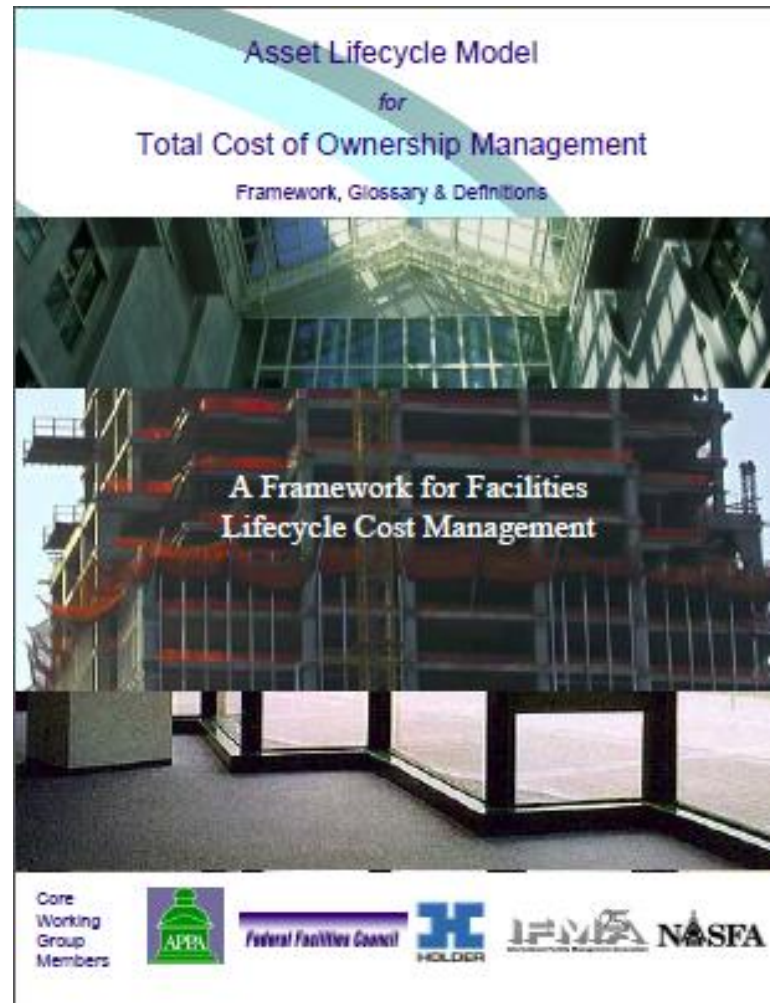
ICS 01.040.03; 91.040.01; 01.040.91; 03.080.99

English Version

Facility Management - Part 1: Terms and definitions



Glossary / Definitions



New Work Proposals

Second Work Proposal Being Presented:

Title of the proposed deliverable - Facility Management - Part 2: Guidance on how to prepare Facility Management agreements

Scope of the proposed deliverable - This standard provides guidance on the preparation of agreements for Facility Management work.

Basis - CEN TC 348

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
prEN 15221-2

June 2006

ICS 03.080.99; 91.040.01

English Version

Facility Management - Part 2: Guidance on how to prepare
Facility Management agreements



ANSI TAG Members

- APPA
- IFMA
- BOMA
- Smithsonian Institution
- National Gallery of Arts
- U.S. DoS OBO
- Argon National Labs
- U.S. Courts
- ASHE
- SAME
- FFC
- FEA
- Jacobs
- JLL
- CBRE
- Facility Futures
- Pearson



Next Steps

- 1. Prepare Head of Delegation Report (ISO)**
- 2. Enhance ANSI TAG with more SMEs**
- 3. Establish members for Working Group 1**
- 4. Establish members for Working Group 2**
- 5. Set up ANSI TAG SharePoint site**
- 6. Distribute and review working drafts**
- 7. Reconvene with ANSI TAG and ISO TC**



Next Steps

Upcoming Meetings

- **ANSI - March 2013: ANSI NY Headquarters**
- **ISO TC/267 - September 2013: Japan**



Next Steps

Interested in Participating?

Jim Whittaker - Chair, ANSI TAG
Facility Engineering Associates
12701 Fair Lakes Circle
Suite 101
Fairfax, VA 2033
(703) 667-1035
(703) 638-8230
whittaker@feapc.com

Jason Knopes
American National Standards Inst.
25 West 43rd Street
New York, NY 10036
(212) 642-4900
jknopes@ansi.org



Questions / Discussion



Thank You!

Jim Whittaker