

Japan's Activity for Enhanced Participation of Private Sector

A stylized illustration of Mount Fuji, the highest mountain in Japan, with snow-capped peaks and a soft, hazy background. The mountain is rendered in shades of light blue and white, with a dark blue shadow cast to the right.

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(JISC Representative to ISO Council)**

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TOPICS of the PRESENTATION

1. Outline of JISC:
Japanese Industrial Standards Committee
2. Enhancing participation from private sectors in international standardization
3. (Harmonization with International Standards)

1. Outline of JISC

JISC: Japanese Industrial Standards Committee

JISC at a Glance

Established :1949

Number of JIS Standards : 9601 (at July, 2007)

Annual Development of Stds : approx. 700 (320 new Stds.)

Boards : 2 (Standards Boards & Conformity Assessment)

Technical Committees : 28

Secretariat : METI (Ministry of Economy, Trade & Industry)

Number of Staffs of Secretariat : 70

Participants to Council/Boards/Committees/TCs : 900

Experts joining standards development : 18000 (estimated)

Harmonization with Intl. Stds. : 95% for 4870 intl. Stds.

International Secretariat : ISO TC/SC(51), IEC TC/SC(14)

History of JISC

- 1906 : Establishment of IEC
- 1921 : JES (Japan Engineering Standards)
- 1947 : Establishment of ISO
- 1949 : Establishment of JISC (authorized by Industrial Standardization Law)
- 1952 : Member of ISO
- 1953 : Member of IEC

Mission of JISC

1. Development, Revision of JIS (National Standards in Japan)
2. Accreditation and Certification Policy
3. Policy for Measurement Standards and Technical Infrastructure for Standardization
4. International Standardization Activities (ISO/IEC)

JISC: Japanese Industrial Standards Committee

JIS: Japanese Industrial Standard

Organization Structure of JISC

26 Sector Specific Technical Committees:

(Technical Committees by sector)

- (1) Technical Committee on Civil Engineering, (2) Technical Committee on Architecture, (3) Technical Committee on Iron and Steel,
- (4) Technical Committee on Non-Ferrous Metals, (5) Technical Committee on Welding, (6) Technical Committee on Chemical Analysis,
- (7) Technical Committee on Chemical Products, (8) Technical Committee on Ceramics,
- (9) Technical Committee on Consumer Life Products, (10) Technical Committee on Paper and Pulp,
- (11) Technical Committee on Medical Equipment, (12) Technical Committee on Support for the Aged and Disabled,
- (13) Technical Committee on Protective Equipment for Occupational Safety, (14) Technical Committee on Machine Elements,
- (15) Technical Committee on Industrial Automation, (16) Technical Committee on Testing and Measurement Technology,
- (17) Technical Committee on Industrial Machinery, (18) Technical Committee on Road Vehicles,
- (19) Technical Committee on Aircrafts and Space Vehicles, (20) Technical Committee on Railways and Rolling Stock,
- (21) Technical Committee on Ships, (22) Technical Committee on Logistics and Distribution of Goods,
- (23) Technical Committee on Electricity Technology, (24) Technical Committee on Electronics,
- (25) Technical Committee on Information Technology, and (26) Technical Committee on Basic Engineering

Sectoral numbers of JIS

A	Civil Engineering and Architecture	490	M	Mining	164
B	Mechanical Engineering	1,478	P	Pulp and Paper	63
C	Electronic and Electrical Engineering	1,251	Q	Management System	42
D	Automotive Engineering	354	R	Ceramics	309
E	Railway Engineering	148	S	Domestic Wares	171
F	Shipbuilding	498	T	Medical Equipment and Safety Appliances	431
G	Ferrous Materials and Metallurgy	385	W	Aircraft and Aviation	97
H	Nonferrous Materials and Metallurgy	394	X	Information Processing	560
K	Chemical Engineering	1,818	Z	Miscellaneous; Packing, Welding, Radioactivity etc.	742
L	Textile Engineering	206		Total	9,601

2. Enhancing participation from private sectors in international standardization

Involvement of Industry People in International Standardization

Awareness-raising of industry leaders

Support for international standardization activities by industry

Increase the number of standards experts

Three pillars to promote involvement of industry people

Awareness-raising of industry leaders

1. Dialogue with industry leaders to discuss on the importance of international standards for business activities (100 companies visits)
2. Publishing the guide on good practice of using international standards and case studies on benefits of international standards
3. Organizing workshops and symposia on international standardization activities

Support for international standardization activities by industry

1. Synergy between R&D and standardization
 - Standards as a target of national R&D projects
2. Supporting the international standardization activities by private sectors
 - Travel expense, meeting know-how, etc.
3. Dissemination of IPR rules in international standardization activity
 - ISO/IEC/ITU Patent Policy

Increase the number of standards experts

1. Training courses for standards experts
 - Course for standards writing
 - Course for international standardization
2. Promoting the standards education
 - Development of standards education materials
3. Awards in the field of standardization
 - “Prime Minister Award”
 - “METI Minister Award”
 - “Director General Award”
 - “JSA Award”



International Standardization Summit in Japan

- **Date: 29th November 2006**
- **Place Ministry of Economy, Trade and Industry (METI)**
- **Participants**
 - **METI :**
Minister Akira Amari, Senior Vice Minister Yamamoto and Watanabe, Parliamentary Secretary Takagi and Others
 - **Industries :**
Canon: Mr. Kouji Uchida (President)
Dainippon Ink and Chemicals: Mr. Koji Oe (President)
Ebara: Mr. Fumio Shimakawa (President)
JFE Steel: Mr. Hajime Bada (President)
Mitsubishi Electric: Mr. Tamotsu Nomakuchi (Chairman)
NEC : Mr. Hajime Sasaki (Chairman)
NHK Spring: Mr. Takehiko Amaki (President)
Toshiba: Mr. Tadashi Okamura (Chairman)
Toyota: Mr. Kazuo Okamoto (Executive Vice President)
 - **ISO : Prof. Masami Tanaka (President)**

(All Titles at that point)



**Mr. Akira Amari,
Minister of Economy, Trade and Industry**

The study group for standardization on business strategies

Purpose

- ✓ To clarify the meaning of standardization activities on business strategies
- ✓ To activate standardization activities in private sectors

Activities

- ✓ Established in 2003
- ✓ The case studies of standardization activities in private sectors
- ✓ Symposium & Academic conference
- ✓ Publishing study report as "International competition and Global standards"
- ✓ Publishing a brochure of case studies



Development of Standards Education Material

A pair of lecture material and reference material

(Lecture material)

(Reference material)

1 JIS Mark Scheme

Page 3

1.1 What is “JIS Mark” ?

When products satisfy all requirements of JIS, a JIS Mark is affixed on products.

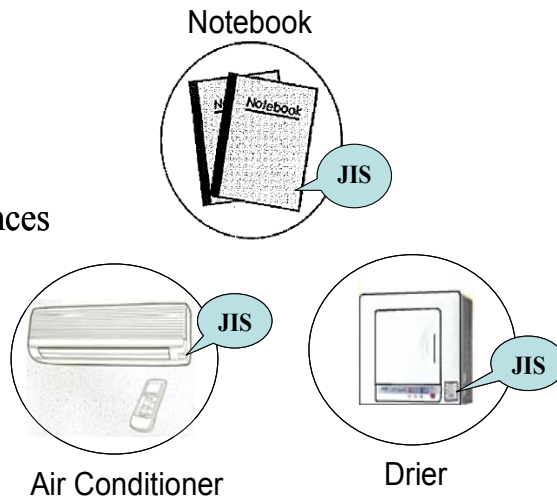
Example

Stationery

(Notebook, Scale etc.)

Electric household appliances

Air conditioner,
Drier,
Lamp etc.



Page 3

1 JISマーク制度

1.1 「JISマーク」とは

私たちの周りにはたくさんの製品があふれている。その製品一つひとつにはいろいろな表示がなされている。製品の名称や型名、そして性能や品質の表示などである。「JISマーク」もその表示の一つである。

乾電池や使い捨てカイロなどの日用品だけでなく、ノートなどの文房具から冷蔵庫、エアコンなどの家電製品にいたるまで、いろいろな製品、ものによっては包装に、「JISマーク」が付けられている。

「JISマーク」とは、「JIS」という規格を満たした製品に表示されるマークである。

資料

経済産業省 産業技術環境局 認証課：

「JISマーク」ってご存知ですか？

(標準化ジャーナル Vol.35

2005.6)

Workshop for TC/SC/WG Chairs/Convenors

- Organized 2-3 times/year to share information and experience on international standardization among TC/SC/WG Chairs and Convenors
- 100-150 participants
- **Activities**
 - ✓ Seminar on recent topics
 - ✓ Group discussion on specific theme



3. Harmonization with International Standards

Increasing Importance of Harmonization with International Standardization

- Progress in Globalization
(i.e. increase in international trade)
- Development of GATT/Standard Code (1980)
WTO/TBT Agreement (1995)

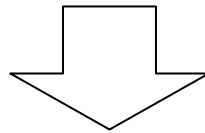
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WTO Members are required to use “International Standards and Guides” as a basis for their technical regulations, standards and conformity assessment systems.

International standards has become an inevitable tool for gaining global market.

Acceptance of the WTO/TBT Agreement

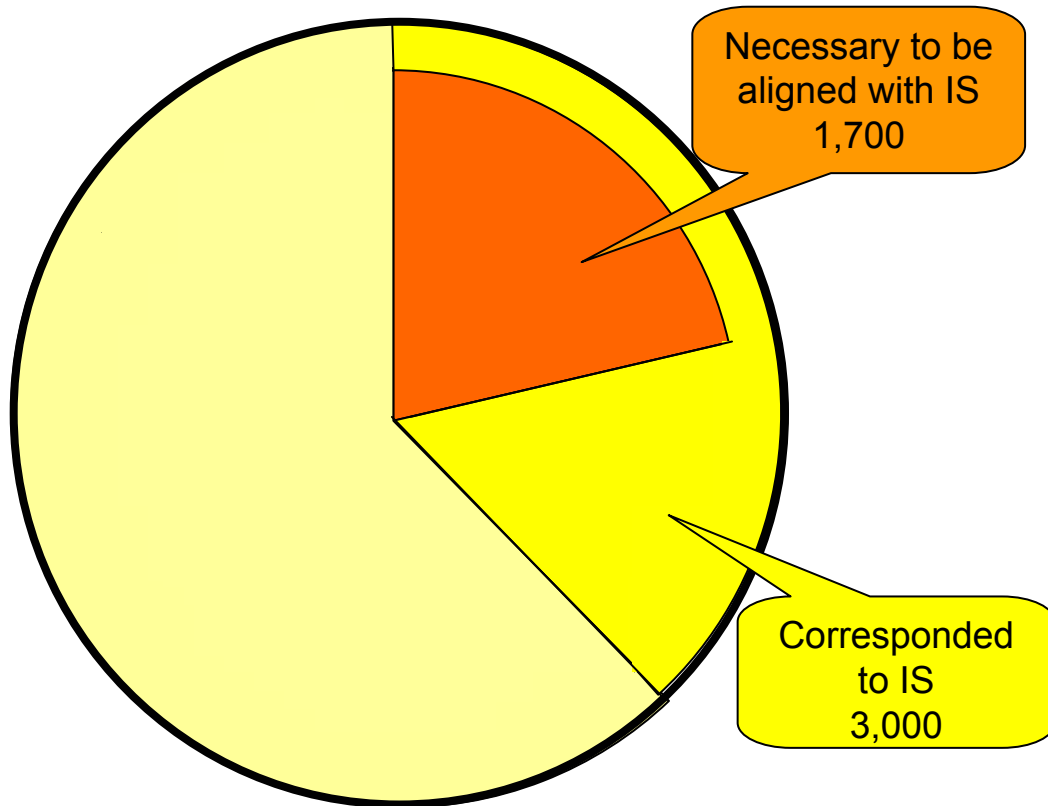
- Ratified the WTO/TBT Agreement in 1995



*JISC Launched Alignment of JIS with
International Standards*

Alignment of JIS with International Standards

8,000 JIS (in 1995)



Three Year Plan for the Alignment Works (from 1995 to 1997)

Fiscal Year	Outline No. of JIS Aligned
1995	326
1996	492
1997	874
Total	1,692