The 18th Northeast Asia Standards Cooperation Forum

Updates on Ongoing Cooperative Works led by Japan

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1. Recent developments
Web meetings are held regularly to share updates on the development of relevant standards within ISO/TC 159/SC 4 & SC 5 and TC 173, which were established based on proposals from NEASF.

2. Updates on development of ISO standard in the area
Information sharing on the following topics is being considered.
- Activities within ISO/TC 173 (Assistive products) for developing standards on elements of design
- Activities within ISO/TC 159 (Ergonomics)/WG2/SC3, SC4 & SC5 for developing fundamental standards relevant to the work of these committees
Accessible Design (WG 3)

- Standards on elements of design developed by ISO/TC 173
  - Clause 25.2 *Instruction for use* of and Annex to ISO/CD 21856
  - *Accessible design – Common guidelines for surveys of needs of persons concerned*

- Fundamental standards relevant to the work of ISO/TC 159/WG2/SC3, SC4 & SC5
  - WI 24505-2 (No proposal for corresponding JIS yet to be submitted)
  - WI 24505-3 (No proposal for corresponding JIS yet to be submitted)
  - ISO/FDIS 24509 (JIS S 0032)
  - ISO/DIS 24550 (No corresponding JIS yet to be published)
  - ISO/DIS 24551 (JIS S 0015)
  - Accessible Design – Assessment method of accessibility of consumer products: Will be proposed as a TR
  - ISO/NP 23979 Ergonomics - Accessible design - Ease of operation (No corresponding JIS yet to be published)
Two-Bite Font Design at ISO/TC171 (WG X)

1. Recent developments
   - The global partnership agreement between JIIMA (Japan) and DCA (Korea) was signed for cooperation in the work of ISO/TC 171. Coordination with KATS (via DCA) in the area was established.
   - Have been in contact with SAC since April 2019 through meetings of ISO/TC 171.

2. Updates on ISO standards development in the area
   - ISO/TC 171 related activities
   The following documents were agreed to be published as a TS first and then eventually re-published as an IS.
   - ISO/TS 19475-1:2018 (proposer: Japan)
   - ISO/TS 19475-2:2018 (proposer: Japan)
   * In January 2019, a proposal to integrate the above three parts into one TS (“TS 19475”) was approved.
   * The above document to be revised as draft IS and circulated to committee members by end of July 2019. CD ballot to be launched in November 2019.
   * The following countries have nominated experts: UK, France, China, Korea, Japan
Japan’s proposal on high level information management of documents and data (controlled sharing – concept and framework)

- Working on a draft to integrate BS 10010 *Information classification, marking and handling*
- Submission of a NP on control and security marking is being planned

Other activities

PDF area
- ISO 19005-4 : DIS ballot has been launched
- ISO 32000-2 : DIS ballot has been launched with a revised draft

3. Future schedule

- TS 19475 to be revised as draft IS and circulated to committee members by end of July 2019. CD ballot to be launched at end of November 2019.
- NP ballot for a NP on control and security marking to be launched at end of July 2019. Request China and Korea to nominate experts.
Fibrous Activated Carbon (FAC) (WG 12)

1. Recent developments
No recent WG activity.

2. Updates on ISO standards development in the area
In 2015, the forum approved a proposal to apply ISO Fast-Track procedure.
In 2016, an draft international standard was proposed to ISO for the fast-track procedure.
In June 2016, the draft was approved during DIS ballot with China and Korea voting in favor. However, some P-members voted against it. The draft was therefore revised based on the comments provided.
In June 2017, the draft was approved during FDIS ballot with China and Korea voting in favor again.
In November 2017, ISO 21340 Test methods for fibrous activated carbon was published.

3. Future Schedule
- Will continue to share ISO 21340 related information with relevant organizations and experts from China and Korea.
- Request China and Korea to continue to cooperate with Japan in the area.
Standardization of Smart Manufacturing (WG 16)

1. Recent developments and updates on the standards development in the area

- Japan’s main objective in the area is to submit a NP to IEC/TC 65 - ISO/TC 184 JWG 5. As part of prior consultation, Japan has made the following proposal for IEC 62264 and ISA 95, which of both can be affected by Japan’s NP.

  Include rules to ensure that extensions for one system can be integrated with other systems in the revision of Part 8 of IEC 62264 (Enterprise-control system integration).

- Japan is actively engaging America and Australia in a discussion regarding the above proposal and requests China and Korea for active cooperation in JWG 5 and regarding ISA 95.

2. Future Schedule

Request China and Korea to define their position in the above area. If the three doesn’t share a similar/the same interests toward ISA 95 and JWG 5, WG16 is recommended to disband.
1. Recent developments

Regarding China

- Changed its membership status in ISO/PC315 from O member to P member in August 2018.
- Sent their expert to the TC’s second plenary meeting in London in December 2018.

Regarding Korea

- In October 2018, WG 19 members from Japan participated in Seoul Cold Chain Forum.
- Expert from Korea was unable to attend the second plenary meeting of ISO/PC315 but have been provided with updates on the TC’s activities.

2. Updates on development of ISO standards in the area

- In August 2017, NP for a new TC was submitted by Japan
- In January 2018, ISO/PC 315 was established
Development of International Standards on Refrigerated Parcel Delivery Service (WG 19)

- In June 2018, the TC’s first plenary meeting was held in Tokyo along with expert meeting, participated by experts from countries including China. *During CD ballot, the majority of countries including China and Korea voted in favor of approval of the CD and its advancement to DIS stage.*

- In December 2018, the TC’s second plenary meeting was held in London and participated by experts from countries in including China.

- In May 2019, DIS ballot was launched (voting deadline: July 30, 2019)

3. Future Schedule

- Request China and Korea to continue to support the TC and send experts to its meetings as well as corporate in raising awareness and use of ISO 23412 following its publication.

- The TC’s third plenary meeting will be held in Jakarta on November 12-14, 2019
Quality of Thermal Power Plant Infrastructure (QTPI) (WG 22)

1. Recent developments and Updates on ISO standards development in the area
   - In July 2017, ISO/TC268/SC1/WG5 Power Plant was established
   - In October 2017, the development of ISO standard (ISO 37160 Smart community infrastructure -- Measurement methods for quality of thermal power station infrastructure and requirements for plant operations and management) was launched.
   - Korea submitted a comment on the above draft during CD ballot.

2. Future Schedule

Japan requests approval for disbandment of the WG by the Forum as no submission of NP to the WG is planned. Will continue to cooperate in developing the above ISO standard.
1. Recent developments
The first plenary meeting of ISO/TC324 Sharing economy was held in Tokyo on June 13-14, 2019, participated by national delegates including one member from KSA and seven members from 4 Chinese organizations.

2. Updates on development of ISO standard in the area
- The NP for new TC was submitted in August 2018 and later approved. ISO/TC 324 was established on January 3, 2019.
- The TC acknowledges high interest in the TC’s work among Chinese stakeholders.
- Japan will lead the effort to develop ISO standards in the sharing economy (SE), giving consideration to the following: security, existing businesses, equal access, cultural differences, consumer/user protection, environment, etc.

3. Future schedule
- Ballot to be launched for proposal for development of IS on “terms and principles” and establishment of WG under the TC.
- AHG to be established under the TC to review options for operationalization of the SE, co-chaired by Japan and China.
- Other efforts to establish cooperation with other ISO members within ISO/TC324.
Standardization of spontaneous combustion property test method of coal (WG 30)

1. Recent developments
Japan’s position for the area was defined in March 2019. Will contact China and Korea with meeting request on a later date.

2. Updates on development of ISO standard in the area and future schedule
The outcome of a visit to South Africa by Japan on June 1, 2019:
- A national standard is being developed and the draft has reached DIS stage.
- Cooperation with SA in developing the international standard is now a must.
- South Africa is expected to create a NP to ISO based on the draft and submit it during the plenary meeting of ISO/TC 27 in Japan in October 2019.

Request to China and Korea
- Participation in Japan-SA joint experiment including round robin test (TBD)
- Provision of inputs and insights regarding the national standard being developed in SA (if Japan successfully obtains a copy of the draft)
- Meeting with Japan during the plenary meeting of ISO/TC 27 on October 6-11 or exchange of information via email before the plenary meeting.
Thermal Barrier Coatings (TBC)
Measurement of Linear Thermal Expansion Coefficient (WG 18)

1. Recent developments
Meeting with experts from Korea and China during the plenary meeting of ISO/TC 107 in Korea in February 2019.

2. Updates on development of ISO standard (testing method for coefficient of linear expansion of thermal barrier coatings)
- In August 2018, the CD was approved by members of ISO/TC107 with 88% of them voted in favor
- In February 2019, the advancement to DIS stage was approved during the plenary meeting of ISO/TC 107 with strong support from China and Korea.

3. Future Schedule
DIS ballot to be launched in July 2019.
Thermal Barrier Coatings (TBC)  
Measurement of Young’s Modulus at Elevated Temperature by Flexural Resonance Method (WG 24)

1. Recent developments  
Meeting with experts from Korea and China during the plenary meeting of ISO/TC 107 in Korea in February 2019.

2. Updates on development of ISO standard (measurement of Young's modulus of thermal barrier coatings at elevated temperature by flexural resonance method)  
- In July 2018, the NP for the new IS was unanimously approved with nominations of experts by members from Japan, Korea, Finland, UK and France.  
- In February 2019, the launch of CD ballot was approved during the plenary meeting of ISO/TC 107.  
- In April 2019, the ballot for the omission of CD was launched.  
  This omission was approved.

3. Future Schedule  
Request Korea and China for continuous support during DIS ballot.
Thermal Barrier Coatings (TBC)
Determination of Thermal Conductivity of Thermal Barrier Coatings (WG 31)

1. Recent developments
Meeting with experts from Korea and China during the plenary meeting of ISO/TC 107 in Korea in February 2019.

2. Updates on development of ISO standard in the area
- In February 2019, a presentation was held during the plenary meeting of ISO/TC 107.
- In June 2019, NP ballot was launched (voting deadline: September 6, 2019).

3. Future schedule
Request for voting in favor of approving the NP with expert nominations was sent to China and Korea. Korea has accepted the request. Request China to follow suit.
Thank You