

Submit Comments

ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 16 SEPTEMBER 2019

Under the National Standardisation Programme, the public comment period is an important stage of standards development. Members of the public are invited to provide feedback on draft Singapore Standards for publication and work item proposals for development and review of Singapore Standards and Technical References. The establishment of Singapore Standards is done in accordance with the World Trade Organisation's requirements for the development of national standards.

A) Notification of Draft Singapore Standards for Publication

Members of the public are invited to comment on the following Singapore Standard documents:

Biomedical and Healthcare – [biological indicators](#)

Building and Construction – [reinforcement couplers for mechanical splices of bars](#), [long term measurement of central chilled water system energy efficiency](#)

Quality and Safety – [safe loading on vehicles](#)

For more information on viewing the document, [click here](#).

Closing date for comments: **18 November 2019**

Please submit comments to: kay_chua@enterprisesg.gov.sg.

B) Notification of Work Item Proposals

B.1 Proposal for New Work Items

New Work Items (NWIs) are approved proposals to develop new Singapore Standards or Technical References (pre-standards).

Members of the public are invited to comment on the scope of the new standards and contents that can be included into the following proposals:

Biomedical and Healthcare – [risk management to medical devices](#)

Building and Construction – [fastenings for use in concrete](#)

Closing date for comments: **17 October 2019**.

Please submit comments to: kay_chua@enterprisesg.gov.sg.

B.2 Proposal for the Review of Singapore Standards

Published Singapore Standards are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).

Members of the public are invited to comment on the scope and contents of the following standards to be reviewed:

Biomedical and Healthcare – [medical devices](#), [sterilisation process](#)

Electrical and Electronic – [circulating fans and regulators](#)

Information Technology – [multi-tiered cloud computing security](#)

Quality and Safety – [estate agents](#)

The reviews are ongoing and the new versions/drafts are not available at this juncture. Users can refer to the current standards to provide feedback. [Click here](#) to view and purchase the standards.

Closing date for comments: **17 October 2019**.

Members of the public are invited to join as standards partners, resource members or co-opted members subject to the approval of relevant committees and working groups.

To comment or to join in the development of these standards, please write to kay_chua@enterprisesg.gov.sg.

A) Notification of draft Singapore Standards for Publication

(I) Biomedical and Healthcare

New

1. Sterilisation of healthcare products – Biological indicators – Part 7: Guidance for the selection, use and interpretation of results (Identical adoption of ISO 11138-7: 2019)

This standard provides guidance for the selection, use and interpretation of results from application of biological indicators when used in the development, validation and routine monitoring of sterilisation processes.

It does not consider those processes that rely solely on physical removal of microorganisms, e.g. filtration. It is not applicable to combination processes using, e.g. washer-disinfectors or flushing and steaming of pipelines.

It does not specify requirements for the selection and use of biological indicators intended to monitor vaporised hydrogen peroxide processes for isolator and room biodecontamination processes at atmospheric pressure. It is not applicable to liquid immersion sterilisation processes.

Potential users of the standard include manufacturers, suppliers and testing laboratories.

(II) Building and Construction

New

2. Steels for the reinforcement of concrete – Reinforcement couplers for mechanical splices of bars

Part 1: Requirements (Identical adoption of ISO 15835-1:2018)

This standard specifies requirements for couplers for the mechanical splicing of steel reinforcing bars.

This standard is applicable to the continuous production of coupler components. It is intended to be used with adequate control measures for the processing of reinforcing bars, i.e. the production of the mechanical splice.

This standard specifies requirements for couplers used for mechanical splices in reinforced concrete structures under predominantly static loads. It specifies additional requirements for couplers used in structures subject to high-cycle elastic fatigue loading and/or low-cycle elastic-plastic reverse loading.

Part 2 : Test methods (Identical adoption of ISO 15835-2:2018)

This standard specifies test methods applicable to couplers for mechanical splices of steel reinforcing bars.

This standard is applicable to the various standards for steel reinforcing bars as well as the various reinforced concrete design standards.

Part 3 : Conformity assessment scheme (Identical adoption of ISO 15835-3:2018)

This standard specifies rules for the certification and for the self-evaluation of couplers to be used for the mechanical splicing of steel reinforcing bars.

It includes requirements for the control of the manufacturing process of the couplers and for the verification of their conformity in the form of mechanical splices.

Potential users of the standards include consultants, contractors, developers, professional engineers, suppliers / manufacturers, tertiary institutions, testing bodies, accreditation bodies and relevant government agencies.

Revision

3. Code of practice for long term measurement of central chilled water system energy efficiency (Revision of SS 591 : 2013)

This standard specifies the requirements for sensors and instruments in capturing relevant process parameters, their installation, commissioning, operational monitoring and maintenance in order to perform continuous, long term measurement of central chilled water system energy efficiency.

Potential users of the standard include facility owners, energy services companies, consultants, chiller manufacturers/suppliers, control and instrumentation systems suppliers as well as tertiary institutions.

(III) Quality and Safety

Revision

4. Code of practice for safe loading on vehicles (Revision of CP 30 : 1985)

The standard provides information such as the variety of loads, vehicles and operating conditions. It also covers the various types of load securing equipment commonly used and also the strength requirements of the different types of load restraint systems.

The types of vehicles involved in transportation of loads can range from general purpose vans, lorries or trucks to low-bed trailers which are commonly used for transporting heavy engineering plants.

Potential users include those involved in the logistics, transport, construction and manufacturing industries, suppliers, contractors, industry associations, academia and relevant government agencies.

(NOTE: Instead of the prefix CP, the revised edition of CP 30 will carry the prefix 'SS', i.e. SS XXX : 2019, XXX representing the number that will be assigned when the standard is approved.)

Copies of the drafts and standards are available at:

Viewing from Singapore Standards eShop

Login to Singapore Standards eShop at: www.singaporestandardseshop.sg

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Viewing Singapore Standards and ISO Standards from National Libraries

All public libraries' multimedia stations and on personal internet/mobile devices (e.g. mobile phones, notebooks, tablets) at all public libraries via NLB eDatabases "Singapore and ISO Standards Collection" (refer to www.nlb.gov.sg/VisitUs.aspx for address and viewing hours)

Purchase of Singapore Standards

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NOTE – The viewing period of the drafts and standards will expire on the closing of the 2-month public comment period and will no longer be available after this date.

B) Notification of Work Item Proposals

B.1 Proposed New Work Items

(I) Biomedical and Healthcare

1. **Medical devices – Guidance on the application of ISO 14971** (Identical adoption of upcoming ISO 24971)

This standard provides guidance on the development, implementation and maintenance of a risk management process for medical devices according to ISO 14971, "Medical devices – Application of risk management to medical devices".

Potential users of the standard include manufacturers, suppliers, testing laboratories and consultants.

(II) Building and Construction

2. **Eurocode 2 – Design of concrete structures – Part 4: Design of fastenings for use in concrete** (Identical adoption of EN 1992-4:2018)

National Annex to Eurocode 2 – Design of concrete structures – Part 4: Design of fastenings for use in concrete (Modified adoption of NA to BS EN 1992-4:2018)

The standard and its national annex provide a design method for fastenings (connection of structural elements and non-structural elements to structural components), which are used to transmit actions to the concrete.

Potential users of the standard include consultants, contractors, developers, professional engineers, suppliers / manufacturers, tertiary institutions, testing bodies, accreditation bodies and relevant government agencies.

B.2 Review of Singapore Standards

(I) Biomedical and Healthcare

1. Biological evaluation of medical devices – Part 12: Sample preparation and reference materials (Identical adoption of ISO 10993-12:2017)

This standard specifies requirements and gives guidance on the procedures to be followed in the preparation of samples and the selection of reference materials for medical device testing in biological test systems only in accordance with one or more parts of ISO 10993.

This standard is not applicable to live cells, but can be relevant to the material or medical device components of combination products containing live cells.

2. Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements (Identical adoption of ISO 15223-1:2018)

This standard identifies requirements for symbols used in medical device labelling that convey information on the safe and effective use of medical devices. It also lists symbols that satisfy the requirements of this standard.

It is applicable to symbols used in a broad spectrum of medical devices, which are marketed globally and therefore need to meet different regulatory requirements.

3. Sterilisation of health products – Moist heat

Part 1 : 2018 Requirements for the development, validation and routine control of a sterilisation process for medical devices (Identical adoption of ISO 17665-1:2006)

This standard specifies requirements for the development, validation and routine control of a moist heat sterilisation process for medical devices.

Moist heat sterilisation processes covered by this standard include but are not limited to:

- saturated steam venting systems;
- saturated steam active air removal systems;
- air steam mixtures;
- water spray;
- water immersion.

Part 2 : 2018 Guidance on the application of SS ISO 17665-1 (Identical adoption of ISO/TR 17665-2:2009)

This standard provides general guidance on the development, validation and routine control of moist heat sterilisation processes and is intended to explain the requirements set forth in SS ISO 17665-1.

The review of the above biomedical standards is carried out with the intention to adopt the upcoming ISO standards which are currently being revised.

Users of these standards may include manufacturers, suppliers and testing laboratories.

(II) Electrical and Electronic

4. Specification for performance and construction of electric circulating fans and regulators [SS 360 : 1992 (2012)] (Modified adoption of IEC 60879 : 1986)

This standard applies to the following types of electric motor directly driven fans and their associated regulators intended for use on single-phase a.c. and d.c. circuits not exceeding 250 V:

- ceiling type fans;
- table type fans;

- pedestal type fans.

The standard is reviewed with the intention to update it as the base document, IEC 60879:1986, has been revised and published as IEC 60879:2019.

Users of the standard may include testing, inspection and certification bodies, industry associations, professional bodies, suppliers, manufacturers, academic institutions and government agencies/authorities.

(III) Information Technology

5. Specification for multi-tiered cloud computing security (SS 584 : 2015)

This standard describes the relevant cloud computing security practices and controls for Cloud Service Customers (CSCs), Cloud Service Providers (CSPs), auditors and certifiers. It covers the minimum requirements for each tier for CSPs to meet.

The intention of the review is to update the standard.

Users of the standard may include CSPs, CSCs and certification bodies.

(IV) Quality and Safety

6. Technical Reference for estate agents – Management best practices (TR 51 : 2016)

This Technical Reference specifies the requirements for an estate agent's management framework and processes in the following areas: management and culture, salesperson development, operations management framework, and service delivery and customer satisfaction.

The review is carried out with the intention to withdraw it due to the low usage of the TR.

Users of the standard may include estate agencies, tertiary institutions, relevant associations and government agencies.

Submit Comments

Frequently asked questions about public comment on Singapore Standards:

1. What is the public comment on Singapore Standards?

Singapore Standards are established based on an open system which is also in accordance with the requirements of the World Trade Organisation. These documents are issued as part of a consultation process before any standards are introduced or reviewed. The public comment period is an important stage in the development of Singapore Standards. This mechanism helps industry, companies and other stakeholders to be aware of forthcoming changes to Singapore Standards and provides them with an opportunity to influence, before their publication, the standards that have been developed by their industry and for their industry.

2. How does public comment on Singapore Standards benefit me?

This mechanism:

- ensures that your views are considered and gives you the opportunity to influence the content of the standards in your area of expertise and in your industry;
- enables you to be familiar with the content of the standards before they are published and you stand to gain a competitive advantage with this prior knowledge of the standards.

3. Why do I have to pay for the standards which are proposed for review or withdrawal?

These standards are available for **free viewing** at Toppan Leefung Pte Ltd and all public libraries. However, the normal price of the standard will be charged for those who wish to purchase a copy. At the stage where we propose to review or withdraw the standards, the standards are still current and in use. We seek comments for these standards so as to:

- provide an opportunity for the industry to provide inputs for the review of the standard that would make the standard suitable for the industry's use,
- provide feedback on the continued need for the standard so that it will not be withdrawn,

4. What happens after I have submitted my comments?

The comments will be channelled to the relevant standards committee for consideration and you will be informed of the outcome of the committee's decision. You may be invited to meet the committee if clarification is required on your feedback.

5. Can I view drafts after the public comment period?

Drafts will not be available after the public comment period.

6. How do I request for the development of a new standard?

You can propose the development of a new standard [here](#).