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ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 4 AUGUST 2023

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 Standards:

Environment and Resources – [moulded thermoplastic refuse bins](#), [plastic refuse sacks](#), [litter bins](#)

Safety and Quality – [open water sporting activities](#), [aquatic facilities](#)

Closing date for comments: **5 October 2023**

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

Please submit comments to: standards@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 pre-standards like Technical References and Workshop Agreements.

Members of the public are invited to comment on the scope of the new standard and content that can be included into the following proposal:

Safety and Quality – [risk management](#)

The NWI is a work-in-progress, and the draft is not available at this juncture.

B.2 Notification of the Proposal for the Review of Standards

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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Biomedical and Health – [supply and delivery of medication](#)

Building and Construction – [assessment of in-situ compressive strength](#) (2 standards), [energy-efficiency standard for building services and equipment](#), [gas installation](#), [design of steel structures](#) (6 standards)

Safety and Quality – [footwear](#) (2 standards)

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 or purchase the standards.

Closing date for comments: **5 September 2023**

Members of the public are invited to join as standards partners, co-opted members or resource 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 standards@enterprisesg.gov.sg.

A) Notification of Draft Singapore Standards for Publication

(I) Environment and Resources

Mature

1. Specification for moulded thermoplastic refuse bins (SS 369:2014)

This standard specifies the requirements for moulded thermoplastic regular refuse bins, up to a maximum capacity of 250 L. These bins are open bins, and their use is limited to the storage of refuse within the confines of individual refuse chute chambers.

This standard can be used for individual chute systems at older HDB estates.

It is proposed to classify SS 369 as a mature standard as there are no foreseeable changes for the standard. Hence, it will not be reviewed until a request is put forth to do so.

Users of the standard include Town Councils.

Withdrawal

2. Specification for plastic refuse sacks (SS 331:1997(2011))

3. Specification for litter bins (SS 399:1997(2011))

The standards on plastic refuse sacks and litter bins are recommended for withdrawal as the standards are no longer in use. There are no replacements as these standards are obsolete.

(II) Safety and Quality

New

4. Code of practice for open water sporting activities

This standard provides a set of safety requirements and recommendations for sports organisers and individuals in relation to open water activities.

It covers:

- general safety for open water environment;
- safety requirements for open water sport-related activities;
- roles and responsibilities of event organisers, coaches, operators, hirers, users, event participants, volunteers, technical officials, lifeguards, spotters, rescuers, etc.

Potential users of the standard include industry associations, event organisers, sport service providers, academic institutions and relevant government agencies.

NOTE – This standard is intended to replace TR 32:2012, “Technical reference for recreational diving”.

Revision

5. **Code of practice for water safety – Aquatic facilities** (Review of TR 71:2019)

This standard specifies the general requirements for the prevention of drowning and injuries at aquatic facilities. It is intended to elevate TR 71 (pre-standard) into a Singapore Standard.

Users of the standard include condominiums' management corporation strata title, property developers, hotels, swimming pool occupiers and operators (including their staff and managing agents), homeowners, private and public schools, educational institutions, social clubs, sports clubs, event organisers/participants and relevant government agencies.

Copies of the drafts and standards are available at:

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

B) Notification of Work Item Proposals

B.1) Proposal for New Work Items

Safety and Quality

Risk management – Vocabulary (Modified adoption of ISO 31073:2022)

This standard defines generic terms related to the management of risks faced by organisations.

Potential users of the standard may include testing, inspection and certification (TIC) bodies, industry practitioners involved in risk management, industry associations, consultants, training providers and relevant government agencies.

B.2) Proposal for the Review of Standards

(I) Biomedical and Health

1. Guidelines for the supply and delivery of medication (SS 644:2019)

This standard provides guidance for licensed premises/services to supply and deliver medication.

It is reviewed with the intention to expand the current scope to include guidance on supply of medication from a centralised facility and proper storage and delivery of controlled drugs, and identification of suitable lockers / community points for collection of medication.

Users of the standard include pharmacies, public and private healthcare institutes, telemedicine providers and logistics providers.

(II) Building and Construction

2. Assessment of in-situ compressive strength in structures and precast concrete components (SS EN 13791:2009)

This standard provides methods and procedures for the assessment of the in-situ compressive strength of concrete in structures and precast concrete components. It also covers principles and guidance for establishing the relationships between test results from indirect test methods and the in-situ core strength.

3. Assessment of in-situ compressive strength in structures and precast concrete components – Complementary guidance to that given in SS EN 13791 (SS 592:2013)

This standard complements SS EN 13791, and covers additional guidance, such as:

- planning an investigation;
- selection of test methods;
- selection and number of the test locations; and
- assessment of individual core results within a group.

The standards on assessment of in-situ compressive strength will be reviewed with the intention to update the requirements according to the updated EN 13791:2019.

Users of these standards include consultants, contractors, developers, engineers, suppliers/manufacturers, tertiary institutions, testing bodies, accreditation bodies and relevant government agencies.

4. Code of practice for energy-efficiency standard for building services and equipment (SS 530:2014+A1:2018)

This standard sets out minimum energy-efficiency requirements for new installation of systems and equipment in buildings, replacement of systems and equipment in buildings, and replacement of components of systems and equipment in buildings.

This standard will be reviewed with the intention to incorporate provisions from the latest relevant international standards.

Users of the standard may include engineers, architects, building owners, manufacturers, facility managers and relevant government agencies.

5. Code of practice for gas installation (SS 608:2015+A3:2023)

This standard specifies requirements for safe and good practices in gas service work. It also covers design, materials, installation, testing, commissioning and maintenance of gas installations and appliances.

This standard will be reviewed with the intention to update the relevant aspects (i.e. design, materials and installation methods) of gas installations via the incorporation of provisions from the latest applicable international standards.

Users of the standard may include building developers, engineers, architects, consultants, service providers, gas service workers and relevant government agencies.

6. Singapore National Annex to Eurocode 3: Design of steel structures

Part 1-5: Plated structural elements (NA to SS EN 1993-1-5:2009(2016))

This standard sets out design requirements of stiffened and unstiffened plates which are subject to in-plane forces.

Part 1-8: Design of joints (NA to SS EN 1993-1-8:2010(2016))

This standard provides design methods for the design of joints subject to predominantly static loading using steel grades S235, S275, S355, S420, S450 and S460.

Part 1-9: Fatigue (NA to SS EN 1993-1-9:2010(2016))

This standard provides methods for the assessment of fatigue resistance of members, connections and joints subjected to fatigue loading.

Part 1-10: Material toughness and through-thickness properties (NA to SS EN 1993-1-10:2010(2016))

This standard contains design guidance for the selection of steel for fracture toughness and for through thickness properties of welded elements where there is a significant risk of lamellar tearing during fabrication.

Part 1-11: Design of structures with tension components (NA to SS EN 1993-1-11:2011(2016))

This standard provides design rules for structures with tension components made of steel, which, due to their connections with the structure, are adjustable and replaceable.

Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S700 (NA to SS EN 1993-1-12:2009(2016))

This standard provides rules that can be used in conjunction with relevant parts of SS EN 1993 to enable steel structures to be designed with steel of grades greater than S460 to S700.

The National Annex to SS EN Part 1-5 is reviewed with the intention to update the current edition with amendments, whereas National Annexes to SS EN 1993 Parts 1-8 to 1-12 are reviewed with the intention to confirm the current editions.

Users of the standards on design of steel structures include consultants, contractors, developers, engineers, suppliers/manufacturers, tertiary institutions, testing bodies, accreditation bodies and relevant government agencies.

(III) Safety and Quality

7. Specification for personal protective equipment – Footwear

Part 1: Safety footwear (SS 513-1:2013)

This standard specifies requirements for safety footwear used for general purposes. It includes mechanical risks, slip resistance, thermal risks and ergonomic behaviour.

Part 2: Test methods for footwear (SS 513-2:2013)

This standard specifies methods for testing footwear designed as personal protective equipment.

SS 513-1 and SS 513-2 will be reviewed with the intention to identically adopt ISO 20345:2021, “Personal protective equipment – Safety footwear” and ISO 20344, “Personal protective equipment – Test methods for footwear”. This is in consideration of technological advancements, workplace changes, and to further improve the protection for wearers.

Users of the standards include suppliers/manufacturers, buyers, workplace safety and health officers, TIC bodies, industry associations and relevant 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. Why are comments only accepted through the new public comment form provided by Enterprise Singapore?

We have developed a new public comment form which will enable users to submit their comments in a standardised and structured manner. The Working Group (WG) that will be reviewing the comments will have a better understanding of what the commenter has proposed, the rationale for the changes and where these changes will be made in the standard. This will assist the WG in addressing the comments more effectively.

5. What happens after I have submitted my comments?

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

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

Drafts will not be available after the public comment period.

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

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