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ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 10 JUNE 2022

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:

Building and Construction – [concrete cylindrical pipes and fittings](#), [unplasticised PVC pipes and fittings](#)

Chemical – [bunkering using tank gauging](#)

Food – [aquaculture](#)

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

Closing date for comments: **11 August 2022** (except for the standard on bunkering using tank gauging which closes on **11 July 2022**).

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

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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Chemical – [bunker mass flow metering](#)

Electrical and Electronic – [escalators and moving walks](#)

Environment and Resources – [environmental labels and declarations](#)

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 standard.

Closing date for comments: **11 July 2022**

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 kay_chua@enterprisesg.gov.sg.

A) Notification of Draft Singapore Standards for Publication

(I) Building and Construction

Revision

1. Specification on concrete cylindrical pipes and fittings including manholes and street gullies (Revision of SS 183:1978)

This standard specifies requirements for cylindrical pipes and fittings, including manhole sections intended for conveyance of sewage or surface water under certain gravity flow conditions.

The key changes in this revision include the following:

- a) Expanded specifications to adequately address the performance requirements of pipes to be constructed by pipe jacking method.
- b) Addition of new requirements for anti-corrosion protective lining in concrete pipes used in sewerage environment.
- c) Addition of new pipe materials, namely polymer concrete and calcium aluminate concrete.
- d) New classification of pipes according to installation depth and standardisation of crushing load requirements for the respective pipe class.
- e) Addition of new requirements for structural and water tightness design and test at factory, and water tightness testing of completed lengths of pipes at site.

Users of this standard include plumbers, engineers, pipe suppliers and manufacturers.

2. Specification for unplasticised PVC pipes and fittings below ground for sanitary drainlines (Revision of SS 272:2012)

This standard specifies the requirements for solid wall pipes, including pipes that:

- have smooth internal and external surfaces;
- have the same formulation throughout the wall, fittings and unplasticised polyvinyl chloride (uPVC) piping systems;
- are used in non-pressure underground sanitary drainlines.

The key changes in this revision include the following:

- a) Clarification of product covered;
- b) Addition of more terms and definitions;
- c) Introduction of symbols and abbreviations;
- d) Deletion of clause on dimension of "O-ring type sockets";
- e) Re-classification of clauses under pipe, fitting, and sockets and spigots.

Users of the standard include manufacturers, suppliers, professional engineers, licensed water service plumbers and qualified persons for building projects.

(II) **Chemical**

Revision

3. **Code of practice for bunkering by bunker tankers using tank gauging** (Revision of SS 600:2014)

This standard specifies the processes, procedures, requirements, roles and responsibilities of all parties concerned, for the delivery of bunkers in the Port of Singapore by bunker tankers using tank gauging, including documentation, equipment standards and verification processes during a bunkering operation. It covers pre-delivery, during-delivery and post-delivery checks and documentation. It also covers the use of volumetric flow meters for bunker delivery.

The draft standard was released for public comment from 7 January to 8 March 2022. The Working Group had since deliberated and addressed the comments received. The main changes to the draft are the addition of calibration certificates for measuring equipment, and the rephrasing of provisions to be more generic and encompassing for various scenarios.

Users of the standard include oil majors, bunker suppliers, bunker craft operators, tanker owners, shipowners, bunker surveying companies, test laboratories, bunkering associations, maritime institutions and relevant government agencies.

Comment period: 10 June to 11 July 2022

(III) **Food**

New

4. **Specification for clean and green urban farms – Aquaculture**

This standard sets requirements for a sustainable aquaculture operation while minimising impact to the environment. Performance indicators are listed to help farms achieve goals for environmental sustainability, while producing high quality and safe food. It applies to open-cage, pond, tank, raceway and closed containment farming systems for fish, crustaceans and molluscs in fresh and marine water through all phases of farm production.

Potential users include testing, inspection and certification bodies, farmers, farm suppliers, buyers of farm produce (e.g. importers, exporters and retailers), training providers, institutes of higher learning 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 the Proposal for the Review of Standards

(I) Chemical

1. Code of practice for bunker mass flow metering (SS 648:2019)

This standard specifies requirements for bunker quantity measurement using the Coriolis mass flow meter (MFM) system. It also covers the sampling process of bunkering.

This standard is reviewed with the intention of updating the acceptance test of MFM system, verification of MFM system after software update/upgrade, MFM data security arising from digitisation efforts for electronic bunker delivery note, validity of certificate of quality, MFM calibration requirements, and minimum measured quantity of MFM system, taking into consideration the delivery of low carbon bunker fuels.

Users of this standard include bunker suppliers, bunker craft operators, bunker associations, professional institutions, bunker service providers and relevant government agencies.

(II) Electrical and Electronic

2. Code of practice for design, installation and maintenance of escalators and moving walks (SS 626:2017)

This standard applies to escalators and moving walks (pallet or belt type). It deals with all significant hazards and events relevant to escalators and moving walks when used as intended, and under conditions of misuse which are reasonably foreseeable by the manufacturer.

This standard is reviewed with the intention to align SS 626 with the latest provisions of EN 115-1, "Safety of escalators and moving walks – Part 1: Construction and installation".

Users of this standard include building and asset owners, escalator contractors (comprising escalator manufacturers, service providers and suppliers), specialist professional engineers and qualified persons for lifts and escalators, and relevant government agencies.

(III) Environment and Resources

3. Environmental labels and declarations – General principles (SS ISO 14020:2017) (Identical adoption of ISO 14020:2000)

This standard establishes guiding principles for the development and use of environmental labels and declarations. It is intended that other applicable standards in the ISO 14020 (environmental labels and declarations) series be used in conjunction with this standard.

This standard is reviewed with the intention of adopting the upcoming revised ISO 14020 when it is published.

Users of the standard include testing, inspection and certification bodies.

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](#).