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## ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 5 JULY 2024

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:

Building and Construction – [facility management](#) (6 standards), [low capacity water closet](#)

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

Food – [clean and green layer farms](#)

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

Closing date for comments: **6 September 2024 (except for the standard on layer farms that closes on 6 August 2024)**

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

Please submit comments to: [standards@enterprisesg.gov.sg](mailto:standards@enterprisesg.gov.sg).

### B) Notification of the 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 standards and contents that can be included into the following proposals:

Building and Construction – [facility management](#) (2 standards)

The NWIs are work-in-progress and the drafts are not available at this juncture.

Closing date for comments: **6 August 2024**

#### B.2 Proposal for the Review of Singapore 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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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 standard to be reviewed:

Biomedical and Health – [medical device security](#)

The review is ongoing and the new version/draft is not available at this juncture. Users can refer to the current standard to provide feedback. [Click here](#) to view or purchase the standard.

Closing date for comments: **6 August 2024**

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](mailto:standards@enterprisesg.gov.sg).

## **A) Notification of Draft Singapore Standards for Publication**

### **(I) Building and Construction**

#### **New**

#### **1. Facility management – Vocabulary (Identical adoption of ISO 41011:2024)**

This standard defines terms used in facility management (FM).

#### **2. Facility management – Guidance on strategic sourcing and the development of agreements (Identical adoption of ISO 41012:2017)**

This standard provides guidance on sourcing and development of agreements in FM. It highlights:

- essential elements in FM sourcing processes;
- FM roles and responsibilities in sourcing processes;
- development processes and structures of typical agreement models.

#### **3. Facility management – Development of a facility management strategy (Identical adoption of ISO 41014:2020)**

This standard gives guidelines for the development of a strategy for FM.

#### **4. Facility management – Influencing organisational behaviours for improved facility outcomes (Identical adoption of ISO 41015:2023)**

This standard gives guidance on the ways in which a FM organisation can influence organisational behaviours to achieve improved facility outcomes, including how it can engage, empower and influence users, service providers and other interested parties with one another for improved outcomes and user experience while interfacing with the built environment.

#### **5. Facility management – Guidance on emergency preparedness and management of an epidemic (Identical adoption of ISO 41017:2024)**

This standard provides general guidance to organisations on how to plan for, mitigate and/or manage the risks and impacts of an epidemic event to protect facility-related health, safety and well-being. This standard is applicable to all organisations, fully or partially operating, resuming or new to operating.

#### **6. Facility management – Development of a facility management policy (Identical adoption of ISO 41018:2022)**

This standard gives guidance on the development of a FM policy.

The users of the above standards on facility management include building owners, facility managers, service providers, certification bodies and relevant government agencies.

## **Revision**

### **7. Specification for dual flush low capacity water closet (WC) up to 4.5/3.0 litres capacity**

#### **Part 1: WC flushing cisterns** (Revision of SS 574-1:2012)

This standard specifies requirements for dual flush low capacity water closet (WC) flushing cisterns with full flush volumes of up to 4.5 L and reduced flush volumes of up to 3.0 L equipped with a side or bottom inlet supplied with a water inlet valve, valve-type flushing device and the necessary flush pipes.

#### **Part 2: WC pans** (Revision of SS 574-2:2012)

This standard specifies requirements for water closet (WC) pans intended for use with dual flush low capacity WC flushing cisterns complying with Part 1 of this standard.

The changes in this revision include:

- Aligning the standard to the latest requirements on flush volumes (from 4.5 L to 4.0 L);
- Tightening the requirements for WC flushing effectiveness;
- Improving user experience in the operation of WC flushing cisterns; and
- Providing clarity on requirements to facilitate installation.

Users of the standard include manufacturers, suppliers, testing and certification bodies, engineers, plumbers and qualified persons.

## **(II) Biomedical and Health**

### **Revision**

### **8. Guideline for medication supply and delivery** (Revision of SS 644:2019)

This standard applies to the supply and delivery of medication in Singapore.

Destinations of delivery may include:

- Customers' preferred locations;
- Collection points (e.g. locker boxes, licensed pharmacies and medical clinics, etc.);
- Institutions (e.g. intermediate and long-term care facilities such as day-care centres, nursing homes, etc.) where medication is administered to customers.

This standard does not apply to medication supplied through signed orders, by export to a party outside Singapore or medication prescribed by a veterinarian.

Users of the standard include pharmacies, healthcare facilities, medical and healthcare associations and relevant government agencies.

## **(III) Food**

### **New**

### **9. Specification for clean and green urban farms – Layer farms**

This standard provides requirements and guidance on best practices to monitor resource optimisation and waste management for farm management systems, while ensuring the production of safe and high-quality produce through all phases of farm operations. This includes pre-production (e.g. egg hatching, breeding and pullet grow-out phase), production (e.g. feeding, egg laying and egg collection) and post-production (e.g. egg packing, management of spent birds, etc.), while minimising impact to the environment and upholding the welfare of animals.

This standard was released for public comment from 15 March to 16 May 2024. The Working Group had since then deliberated and addressed the comments received. The main changes are as follows:

- Added contingency arrangements for farm waste disposal;
- Added requirements for engaging licensed pest control operators;
- Added control measures for pests such as rats and mosquitoes;
- Under Annex A, deleted the option on the usage of poultry manure for raising insect protein used for animal feed formulation as this is not applicable in Singapore.

Users of the standard include chicken and quail layer farms, retailers, industry associations, professional institutions, training providers, testing and certification bodies, institutes of higher learning, research institutions and relevant government agencies.

*Closing date for comments: **6 August 2024***

#### **(IV) Safety and Quality**

##### **Revision**

#### **10. Personal protective equipment – Footwear**

##### **Part 1: Safety footwear** (Revision of SS 513-1:2013) (Identical adoption of ISO 20345:2021)

This standard specifies basic and additional (optional) requirements for safety footwear used for general purpose. It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour. It also specifies requirements for safety footwear equipped with customised insoles, customised safety footwear or individual manufactured customised safety footwear.

This standard does not cover the property of high visibility because of interaction with the clothing (e.g. trousers cover the footwear) and work area conditions (e.g. dirt, mud). It also does not cover special risks (e.g. footwear for firefighters, electrical insulating footwear, protection for motorcycle riders).

The main changes in this revision are as follows:

- Revised requirements on slip resistance;
- Added requirement for seam strength of hybrid footwear;
- Amended water penetration and absorption symbols;
- Added requirements for customised safety footwear.

##### **Part 2: Test methods for footwear** (Revision of SS 513-2:2013) (Identical Adoption of ISO 20344:2021)

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

The main changes in this revision are as follows:

- Added tests for scuff caps;
- Added measurement of cleats height in the waist area;
- Added new drawings of footwear degradations;
- Added new system of sizing.

Users of the standards include manufacturers, suppliers, purchasers, workplace safety and health officers, testing, inspection and certification bodies, industry associations and relevant government agencies.

Copies of the drafts and standards are available at:

Viewing from Singapore Standards eShop

Login to Singapore Standards eShop at: [www.singaporestandardseshop.sg](http://www.singaporestandardseshop.sg)

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Viewing Singapore Standards and ISO Standards from Public Libraries

All Public Libraries' multimedia stations and on personal internet/mobile devices (e.g. mobile phones, notebooks, tablets) at all Public Libraries via NLB databases "Singapore and ISO Standards Collection" (refer to <https://www.nlb.gov.sg/main/visit-us> for address and viewing hours)

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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 Work Item Proposals**

### **B.1 Proposal for New Work Items**

#### **Building and Construction**

- 1. Facility management – Scope, key concepts and benefits** (Identical adoption of ISO/TR 41013:2017)

This standard outlines the scope, key concepts and benefits of FM and provides a context for the use and application of the terms defined in ISO 41011.

- 2. Facility management – Overview of available technologies** (Identical adoption of ISO/TR 41016:2024)

This standard provides an overview of the available FM technologies.

Users of the above standards on facility management include building owners, facility managers, service providers, certification bodies and relevant government agencies.

### **B.2 Proposal for the Review of Singapore Standards**

#### **Biomedical and Health**

##### **Connected medical device security** (TR 67:2018)

This standard provides a framework for healthcare institutions and professionals to mitigate the security risks of connected devices in the following situations:

- Procurement of new connected medical devices;
- Day-to-day operations of existing connected medical devices.

The standard is reviewed with the intention to update the Cybersecurity Labelling Scheme for Medical Devices, providing a basis for classifying the cybersecurity capabilities of medical devices. This supports decision-making when assessing security risks for healthcare providers and consumers, thus ensuring safe and intended use of the devices.

Users of the standard include information systems personnel in the healthcare industry and healthcare professionals.

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](#).