

Click here to get the public comment form. Comments will only be accepted via this form.

## ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 2 AUGUST 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 Standard for Publication

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

Information Technology – [artificial intelligence management system](#)

Closing date for comments: **3 October 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 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:

Information Technology – [blockchain and distributed ledger systems](#)

Manufacturing – [additive manufacturing on built environment](#)

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

Closing date for comments: **3 September 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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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 standards to be reviewed:

Building and Construction – [nursing homes](#)

Biomedical and Health – [remote vital signs monitoring](#)

Electrical and Electronic – [polyvinyl chloride insulated cables](#) (2 standards)

The reviews are ongoing, and the new version/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: **3 September 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 Standard for Publication**

### **Information Technology**

#### **New**

**Information technology – Artificial intelligence – Management system** (Identical adoption of ISO/IEC 42001:2023)

This standard specifies requirements for establishing, implementing, maintaining, and continually improving an artificial intelligence management system (AIMS) within organisations.

Users of the standard include entities providing or utilising AI-based products or services, and certification bodies.

Copies of the draft are available at:

#### Viewing from Singapore Standards eShop

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

[Login ► Go to Standards (3 bars for mobile users) ► Singapore Standards ► View Singapore Standards ► Under Product Type select 'All' ► Under Product Status select 'Draft']

#### 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)

#### Purchase of Singapore Standards

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Mon to Fri: 9.30 am to 6.00 pm

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**NOTE** – The viewing period of the draft and standard 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**

#### **(I) Information Technology**

#### **1. Technical Reference – Baseline security requirements for blockchain and distributed ledger systems**

This standard aims to provide baseline cyber security requirements for blockchain and distributed ledger technology-based systems, addressing confidentiality, integrity, availability,

authentication, authorisation and access control to enhance the cybersecurity posture of such systems.

This standard does not address the following areas:

- Specific implementation details of blockchain and distributed ledger systems.
- Specific security controls that are required for a particular blockchain and distributed ledger application.
- Security requirements for specific industries or sectors.

Users of the TR include any enterprises using blockchain and distributed ledger technology-based systems and service providers/developers of such systems.

## **(II) Manufacturing**

### **2. Technical Reference – Additive manufacturing on built environment – Guidelines**

This standard provides the best practices on 3D construction printing to increase the confidence level of potential users to accelerate the adoption of additive manufacturing in the built environment.

The scope covers the following:

- a) Materials
  - Printability
  - Durability
  - Sustainability
- b) Printer and fabrication
- c) Design and use cases
  - Architectural
  - Structural

Users of the standard include architects, engineers, consultants and contractors.

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

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

#### **1. Facility design guideline for nursing homes (TR 66:2018)**

This standard outlines the provisions for the basic space and design planning of nursing homes in Singapore. It covers the specific needs of related facilities in a nursing home to design consultants and personnel who may be involved in the design, construction, operation and maintenance of the nursing home. It aims to enhance the quality of care by establishing standards that ensure suitable living conditions in the nursing home, taking into consideration the safety, privacy and dignity of residents, staff members and visitors.

This standard does not apply to accommodation for psychiatric care, home care offices, reception, staff amenities, including staff accommodation and ancillary facilities such as carparks and landscape.

The intent of this review is to confirm the standard with an amendment to update the provisions for functional planning units, infection prevention control and ventilation.

Users of the standard may include service providers, architects, engineers, consultants, contractors, and relevant government agencies.

(II) **Biomedical and Health**

2. **Remote vital signs monitoring (TR 45:2016)**

This standard provides guidance on information on standards needed to:

- improve the interoperability of patient data collected by the remote vital signs monitoring services and their integration with the electronic medical record and personal health record systems. This helps to reduce the potential cost of deploying medical device integration solutions.
- ease the development of innovative applications that utilise vital signs data collected by medical devices, based on industry standards.

The TR applies to the following two scenarios:

- Integration of vital signs data collected by consumer-owned medical devices for patient/caregiver's self-monitoring, and sharing with care providers;
- Integration of patient's vital signs data with care provider's or other service provider's provisioned devices for the remote monitoring of patients at home.

The review aims to update the standard, transitioning from it from a Technical Reference to a Singapore Standard.

Users of the standard include implementers and users of healthcare information systems, as well as relevant healthcare professionals.

(III) **Electrical and Electronic**

3. **Specification for polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V**

**Part 3: Non-sheathed cables for fixed wiring (SS 358-3:2019)** (Modified adoption of IEC 60227-3:1993+A1:1997)

This standard details the particular specifications for polyvinyl chloride insulated single-core non-sheathed cables for fixed wiring of rated voltages up to and including 450/750 V.

**Part 5: Flexible cables (cords) (SS 358-5:2019)** (Identical adoption of IEC 60227-5:2011)

This standard details the particular specifications for polyvinyl chloride insulated flexible cables (cords), of rated voltages up to and including 300/500 V.

The intention of the review is to revise the standards.

Users of the standards include testing and inspection companies, suppliers and manufacturers of cables, building contractors and service providers, engineers, institutes of higher learning 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](#).