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## ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 8 MAY 2026

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, Technical References and Workshop Agreements. 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

Newly developed and revised Singapore Standards (SSs), and the outcomes of the reviews of existing SSs are available to the public to gather feedback on their contents and status prior to their completion.

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

Building and Construction – [energy efficiency](#)

Chemical – [master mass flow meter](#)

Information Technology – [cloud computing security](#)

Closing date for comments: **9 July 2026**

For more information on viewing the document(s), [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. The NWIs are work-in-progress, and the drafts are not available at the public comment stage.

Members of the public are invited to comment on the scope of the following NWI(s):

Biomedical and Health – [artificial intelligence in medical imaging applications](#)

Building and Construction – [design of aluminium structures](#)

Electrical and Electronic – [floating offshore wind](#)

Closing date for comments: **9 June 2026**

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

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Technical References and Workshop Agreements are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).

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.

Members of the public are invited to comment on the following standard(s) to be reviewed:

Chemical – [acrylic road marking paint](#)

Electrical and Electronic – [electrical fire alarm systems](#)

Transportation – [rapid transit system](#) (2 standards)

Closing date for comments: **9 June 2026**

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**

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

#### **Amendment**

#### **1. Amendment No. 1 to SS 530 Code of practice for energy efficiency for building services and equipment (SS 530:2024)**

This amendment updates the room cavity ratio allowances to align more clearly with maximum lighting power density requirements for spaces such as offices and multi-purpose halls, ensuring consistent interpretation across compliance pathways.

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

(Click [here](#) to download the amendment.)

### **(II) Chemical**

#### **Revision**

#### **2. Code of practice for meter verification using master mass flow meter (Review of TR 80:2020)**

This standard covers the following:

- a) Criteria and metrological requirements to qualify for a master meter and the maintenance of its master meter status.
- b) Requirements and procedures for meter verification using master mass flow meter to verify and check the stability and performance of a duty meter installed on a bunker tanker or at a terminal.

The key changes in this review are as follows:

- Included considerations for master mass flow meter used for methanol.
- Enhanced schematic diagrams for meter verification setup including the ship-shore electrical cable connection.
- Provided greater clarity on the meter verification process.

This standard is reviewed with the intention to elevate TR 80 into a Singapore Standard.

Users of the standard include bunker suppliers, bunker craft operators, oil terminals, vendors of Coriolis mass flow meters, surveyors, ship owners/buyers, testing, inspection and certification bodies (TIC) and relevant government agencies.

**(III) Information Technology**

**Revision**

**3. Specification for multi-tiered cloud computing security (Revision of SS 584:2020)**

This standard is designed to enhance cloud security by defining a set of baseline security requirements with accompanying security practices and implementation controls. It provides a structured framework by categorising security requirements into three distinct tiers. Each tier corresponds to a different level of security assurance to address varying risk levels and operational needs.

This standard is revised to ensure that the multi-tiered cloud computing security (MTCS) standard remains relevant in view of technological and market developments, as well as the evolving cyber threat landscape. It also introduces a new category, “cloud service resilience”, along with corresponding measures to address a broader range of resilience risks faced by the cloud services providers (CSP).

Users of the standard include CSPs, cloud services customers, certification bodies and auditors.

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)

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Viewing Singapore Standards from Public Libraries

Singapore Standards are viewable multimedia stations at all Public Libraries via NLB databases “Singapore Standards Collection” at <https://reference.nlb.gov.sg/guides/sci-tech/tech/standards-and-references/> Please refer to <https://www.nlb.gov.sg/main/visit-us> for address and viewing hours.

Purchase of Singapore Standards

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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) Biomedical and Health**

##### **1. Technical Reference – Performance assessment and evaluation methodologies for artificial intelligence in medical imaging applications**

This standard specifies requirements, evaluation criteria, and methodologies for the performance assessment of artificial intelligence (AI) models used in radiology/medical imaging applications, with a primary focus on classification tasks that involve image-based decision support. It covers key dimensions such as performance, fairness, explainability, robustness, transparency, privacy and AI security. While this standard reference relevant international standards and established clinical guidelines, it does not define specific performance thresholds.

Users of this standard include AI developers, evaluators, healthcare providers, TIC bodies, institutes of higher learning (IHL) and relevant government agencies.

#### **(II) Building and Construction**

##### **2. Eurocode 9 – Design of aluminium structures**

**Part 1-1: General rules** (Identical adoption of EN 1999-1-1:2023)  
**Singapore National Annex to SS EN 1999-1-1** (Adoption of NA to BS EN 1999-1-1:2023)

This standard and its National Annex (NA) specify the basic design rules for structures made of wrought aluminium alloys, with limited guidance for cast alloys.

**Part 1-2: Structural fire design** (Identical adoption of EN 1999-1-2:2023)  
**Singapore National Annex to SS EN 1999-1-2** (Adoption of NA to BS EN 1999-1-2:2023)

This standard and its NA establish the principles, requirements and rules for the structural design of aluminium buildings exposed to fire. They focus on design methods and design rules for individual members (beams, columns, beam-columns), joints and skeletal structures (frames) regarding resistance and stability under fire conditions.

**Part 1-3: Structures susceptible to fatigue** (Identical adoption of EN 1999-1-3:2023)  
**Singapore National Annex to SS EN 1999-1-3** (Adoption of NA to BS EN 1999-1-3:2023)

This standard and its NA provide the basis for the design of aluminium alloy structures subject to fatigue in the ultimate limit state.

They cover rules for:

- safe life design;
- damage tolerant design;
- design assisted by testing.

They do not cover pressurised containment vessels or pipework.

**Part 1-4: Cold-formed structural sheeting** (Identical adoption of EN 1999-1-4:2023)  
**Singapore National Annex to SS EN 1999-1-4** (Adoption of NA to BS EN 1999-1-4:2023)

This standard and its NA specify design requirements for cold-formed trapezoidal aluminium sheeting. They apply to cold-formed aluminium products made from hot-rolled or cold-rolled sheet or strip, formed by processes such as cold-rolled forming or press-breaking.

Users of these standards include building developers, consultants, contractors, engineers, manufacturers/suppliers, TIC, IHLs and relevant government agencies.

(III) **Electrical and Electronic**

3. **Workshop Agreement – Floating offshore wind in Asia – Guidance on wind turbine generator sizing, interface envelopes and supply-chain integration**

This Workshop Agreement (WA) provides guidance on market- and site-appropriate wind turbine generator reference envelopes for floating offshore wind in selected Asian markets considering key turbine–floater and other interface requirements that affect delivery, bankability and supply-chain planning. It focuses on defining reference size ranges, proposing modularisation and interface specifications to support more predictable design parameters and supply-chain investment, and improving early-stage project comparability. By reducing uncertainty in site assumptions and interface planning, it also helps to lower levelised cost of energy and ease delivery challenges, boosting investor confidence.

Users of the WA include floating offshore wind ecosystem players such as manufacturers, suppliers, buyers, service providers, classification societies and research institutes.

Interested parties or experts in the floating offshore wind ecosystem are encouraged to participate in this WA to contribute to the drafting of the document.

Please register your interest through the following link:

<https://forms.office.com/r/UQYTFLDZsA>.

Acceptance is subject to the availability of slots and our efforts to ensure a balanced and diverse group of participants.

The closing date for comments and registration for the WA is 22 May 2026.

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

(I) **Chemical**

1. **Specification for water-based acrylic road marking paint (SS 624:2016)**

This standard applies to paint for water-based acrylic binder formulated to adhere to bituminous surfaces, concrete as well as other surfaces commonly used in driveways and car parks, such as interlocking concrete paving blocks.

The water-based acrylic road marking paint is available in white, yellow, red, black and blue colour.

It does not cover retroreflective road marking paints.

The standard is reviewed with the intention to update it in line with latest industry practices and expand its application scope.

Users of the standard include paint manufacturers, suppliers, test laboratories, contractors, applicators, architectural associations, consultants, facilities/property managers, building surveyors and relevant government agencies.

**Electrical and Electronic**

2. **Code of practice for the installation and servicing of electrical fire alarm systems (SS 645:2019)**

This standard applies to the installation and servicing of electrical fire alarm systems in buildings. It covers fire alarm systems using manual call points, heat detectors, smoke detectors, flame detectors and video image fire detectors.

This standard is reviewed with to ensure continued alignment with current industry practices, technological advancements and safety requirements.

Users of the code include engineers, architects, building owners, inspectors, training providers, industry associations, TIC bodies and relevant government agencies.

(II) **Transportation**

**3. Safety performance and benchmarking system for the rapid transit system (TR 89:2021)**

This standard specifies the leading and lagging indicators for safety performance in a rapid transit system, defined across the broad categories of employee, contractor and passenger safety in a rapid transit system.

**4. Safety management system for the rapid transit system (TR 97:2021)**

This standard specifies the minimum requirements to manage risks in the railway, providing a safe workplace for an organisation's staff and contractors and an operationally safe environment for passengers and visitors.

These standards are reviewed with the intention to elevate TR 89 and TR 97 into Singapore Standards.

Users of the standards include rail transport operators, IHLs 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 NEXT 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 public comment form provided by Enterprise Singapore?

The public comment form enables 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](#).