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ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 5 JUNE 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):

Biomedical and Health – [faecal microbiota transplant](#)

Safety and Quality – [safety in excavation operations](#), [portable gas cookers](#) (2 standards), [asset management](#), [conformity management](#)

Closing date for comments: **6 August 2026**

For more information on viewing the document(s), [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. 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 – [good distribution practice for health supplements](#)

Transportation – [design for container haulage](#)

Closing date for comments: **6 July 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Technical References and Workshop Agreements are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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:

Biomedical and Health – [clinical investigation](#)

Electrical and Electronic – [lighting of workplaces](#)

Safety and Quality – [gantry cranes, overhead travelling cranes and monorail hoists](#)

Transportation – [service kiosks](#), [autonomous mobile robots](#), [access on or near tracks](#)

Closing date for comments: **6 July 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.

A) Notification of Draft Singapore Standard for Publication

(I) Biomedical and Health

New

1. Faecal microbiota transplant (FMT) processing protocol

This standard provides specifications for ensuring safety and efficacy for patients receiving FMT through:

- donor screening, with focus on infectious diseases which have potential to be transmitted to the recipient, and
- considerations involved in FMT production, including collection, logistics and processing.

This standard covers liquid FMT only and excludes purified or manufactured FMT-derived products.

Users of the standard include healthcare providers, relevant healthcare industry associations, professional institutions, research and academic institutions, testing, inspection and certification (TIC) bodies, and government agencies.

(II) Safety and Quality

Revision

2. Code of practice for safety in excavation operations (Revision of SS 562:2010)

This standard provides specifications on the management of risks associated with excavation works, including work within excavations and backfilling operations. It addresses risks to persons working at, in or near excavations, as well as risks to structures and adjacent activities that may be affected by such works.

The revised standard strengthens excavation safety practices by introducing clearer role definitions, updated risk control measures, and guidance on emerging technologies and modern construction practices.

The key changes in this revision are as follows:

- Expanded the scope to cover the full lifecycle of excavation operations, including backfilling and reinstatement.

- Introduced design for safety (DfS) principles to eliminate design risks at the design stage.
- Established clear and specific roles and responsibilities for individuals such as professional engineers, designers, managers and supervisors.
- Organised hazards into eight defined categories to facilitate a systematic risk assessment process.
- Incorporated technological advancements such as vehicular proximity sensing, collision avoidance and real-time monitoring systems.

Users of the standard include operators, suppliers, workplace safety and health officers, safety consultants, project/site managers, engineers, contractors, developers, TIC bodies, institutes of higher learning (IHLs) and relevant government agencies.

Withdrawal

3. Specification for LP gas and non-refillable gas canisters for portable gas cookers (SS 400:1997)

This standard is recommended for withdrawal as it has been replaced by SS 400:2023, “Specification for liquefied petroleum gas and non-refillable gas canisters for portable gas appliances”.

4. Specification for portable gas cookers – General specifications and test methods (SS 401:1997)

This standard is recommended for withdrawal as it has been replaced by SS 401:2023, “Specification for portable gas appliances – General specifications and test methods”.

5. Asset management – Management systems – Requirement (SS ISO 55001:2016) (Identical adoption of ISO 55001:2014)

This standard is recommended for withdrawal as it has been replaced by SS ISO 55001:2025, “Asset management – Asset management system – Requirements”.

6. Conformity assessment – General requirements for proficiency testing (SS ISO/IEC 17043:2017) (Identical adoption of ISO/IEC 17043:2010)

This standard is recommended for withdrawal as it has been replaced by SS ISO/IEC 17043:2023, “Conformity assessment – General requirements for the competence of proficiency testing providers”.

Copies of the draft are available at:

Viewing from Singapore Standards eShop

Login to Singapore Standards eShop at: 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. Good distribution practice (GDP) for health supplements

This standard covers the following aspects:

- Personnel: Training and competency of personnel involved in the distribution of health supplements.
- Premises and equipment: Design, maintenance, and operation of storage facilities to ensure product integrity.
- Stock handling and control: Procedures for receiving, storing, and distributing health supplements, including stock rotation systems (e.g., first in first out, earliest expiry first out).
- Disposal of products: Safe and environmentally responsible disposal of expired or damaged products.
- Documentation: Maintaining robust documentation systems to ensure traceability and compliance.
- Product complaints and recalls: Procedures for handling complaints and executing recalls efficiently, including timelines, communication protocols, and corrective actions.
- Returned products: Assessing and managing returned products.
- Self-inspection: Regular self-inspections to monitor compliance with GDP principles.
- Contract operations: Responsibilities of parties involved in outsourced distribution activities.

This standard does not cover the manufacturing or formulation of health supplements, it also excludes the distribution of pharmaceutical products, which are covered under existing GDP guidelines.

Users of the standard include TIC bodies, healthcare industry associations, health supplements manufacturers, distributors and suppliers, consumers, IHLs and relevant government agencies.

(II) Transportation

2. Heavy vehicle and trailer standard design for container haulage

This standard provides specifications for:

- Safety design features for steps and handrails on heavy vehicle cabins and trailers;
- Identification markings for heavy vehicle cabins; and
- Design of trailer twist locks to distinguish between locked and unlocked state.

Users of this standard include importers and suppliers of heavy vehicles, twist lock manufacturers and integrators, end-users of heavy vehicles and relevant government agencies.

B.2 Proposal for the Review of Singapore Standards

(I) Biomedical and Health

1. Clinical investigation of medical devices for human subjects – Good clinical practice (SS ISO 14155: 2020)

This standard addresses good clinical practice for the design, conduct, recording and reporting of clinical investigations carried out in human subjects to assess the clinical performance or effectiveness and safety of medical devices.

For post-market clinical investigations, the principles set forth in this standard are intended to be followed as far as relevant, considering the nature of the clinical investigation.

This standard specifies general requirements intended to protect the rights, safety and well-being of human subjects, ensure the scientific conduct of the clinical investigation and the credibility of the clinical investigation results, define the responsibilities of the sponsor and principal investigator, and assist sponsors, investigators, ethics committees, regulatory authorities and other bodies involved in the conformity assessment of medical devices.

The standard is reviewed with the intention to confirm it.

Users of this standard include TIC bodies, healthcare industry associations, medical device manufacturers and suppliers, research institutions and relevant government agencies.

(II) Electrical and Electronic

2. Code of practice for lighting of workplaces – Part 1: Indoor (SS 531-1:2006(2019)) (Modified adoption of ISO 8995:2002)

This standard provides guidance on the lighting requirements for indoor workplaces, establishing a code of practice to ensure people can perform visual task efficiently, safely, and in comfort throughout their work duration. It addresses both the quantity and quality of illumination.

This standard applies to indoor workplaces and associated areas within the building.

This standard does not cover outdoor workplaces, exterior work areas, or the specific design and optimisation techniques required for distinct lighting systems. Additionally, detailed requirements for emergency lighting are excluded from this standard, as they are addressed under SS 563-1:2010(2017)+A1:2017, "Code of practice for the design, installation and maintenance of emergency lighting and power supply systems in buildings – Part 1: Emergency lighting".

This standard is reviewed to ensure it remains current with technical changes, technological developments and industry practices.

Users of the standard include manufacturers and suppliers, buyers, industry associations, TIC bodies and relevant government agencies.

(III) Safety and Quality

3. Code of practice for design, safe use and maintenance of gantry cranes, overhead travelling cranes and monorail hoists (SS 497:2011)

This standard specifies the safety requirements for the design, safe use and maintenance of gantry cranes, overhead travelling cranes, jib cranes and monorail hoists. It also specifies the responsibilities of the various stakeholders.

This standard does not include mobile cranes and tower cranes.

The standard is reviewed with the intention of aligning with current industry practices and technological advancements of powered cranes.

Users of the standard include operators, manufacturers, suppliers, service providers, training providers and relevant government agencies.

(IV) Transportation

4. Mass rapid transit and light rapid transit operations – Guide for assisted service kiosks in stations (TR 94:2021)

This standard is recommended for withdrawal as assisted service kiosks are no longer relevant to the railway industry.

There are no replacements as this standard is obsolete.

5. Safe use of autonomous mobile robots (AMRs) in warehouses (TR 104:2022)

This Technical Reference provides recommendations and requirements for the safety requirements at a safety level relating to the elements of operation, navigation and control of powered AMRs and the system of which the vehicles are a part of, operating in a warehouse. It specifies a safety evaluation framework and the risk assessment requirements for the safe and sustainable deployment of these robot systems in dynamic warehouse settings. This standard is applicable to robot systems used for various purposes in warehouse operations, including logistics, material handling, and transportation.

The standard is reviewed with the intention to update it and elevate it to a Singapore Standard.

Users of this standard include warehouse operators, AMR vendors, software integrators and relevant government agencies.

6. Mass rapid transit and light rail transit operations – Basic principles and requirements for access on or near tracks (TR 110:2022)

This standard specifies basic principles for access on or near tracks for operations or maintenance work during passenger service hours and engineering hours.

This standard does not cover requirements during emergencies or the construction phase of the railway system.

This standard is reviewed with the intention to maintain its relevance and applicability to the railway industry by incorporating industry feedback, while enhancing the clarity, accuracy and comprehensiveness.

Users of this standard include railway operators 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 Ecquaria 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](#).