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ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 7 NOVEMBER 2025

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 – [medical devices](#)

Building and Construction – [pruning of trees in tropical urban landscape](#), [demolition](#), [bi-directional load test](#)

Electrical and Electronic – [batteries](#)

Safety and Quality – [lifting gear](#), [personal fall arrest-systems](#)

Closing date for comments: **8 January 2026 (except for SS on demolition and SS on bi-directional load test which closes on 15 January 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):

Electrical and Electronic – [transportation and storage of secondary cells and batteries](#)

Closing date for comments: **8 December 2025**

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Technical References and Workshop Agreements are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Electrical and Electronic – [electrical installations](#)

Food – [HACCP system for food industry](#), [ready-to-eat raw fish](#)

Closing date for comments: **8 December 2025**

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. Medical devices — Information to be supplied by the manufacturer (Identical adoption of ISO/DIS 20417:2024)

This standard specifies requirements for information supplied by the manufacturer for a medical device or by the manufacturer for an accessory. It includes general applicable requirements for identification and labels on a medical device or accessory, the packaging, marking of a medical device or accessory, and accompanying information. This standard does not specify how the information is to be supplied.

Users of the standard include medical devices manufacturers and suppliers, healthcare professionals and medical device engineers, consultants, testing, inspection and certification (TIC) bodies, institution of higher learning (IHLs) and relevant government agencies.

NOTE –

i. Draft SS ISO 20417 is currently based on the Draft International Standard but the final adoption will be based on the published ISO standard which is targeted to be published in 2026.

ii. Comments received will be considered by the national committee responsible for Singapore's inputs to the ISO/IEC standards and where appropriate, taken on for international consideration.

(II) Building and Construction

New

2. Code of practice for pruning of trees in tropical urban landscapes

This standard outlines the principles, techniques, and standards for tree pruning. It applies to trees growing along roads, in parks, and in both public and private properties.

This standard does not cover trees in forested or undeveloped areas and away from potential targets.

Users of the standard include arboriculture professionals, landscape companies, private property owners, tree care practitioners, training providers and relevant government agencies.

Revision

3. Code of practice for demolition (Revision of SS 557:2010)

This standard provides requirements and recommendations of good and safe practices for demolition works. The key changes in this revision include:

- expanding the scope to cover a wider range of structure types, demolition methods, and site conditions.
- expanding the demolition methods to include high-reach machines and water-jet techniques.
- strengthening safety and technical aspects through clearer definition of roles and responsibilities of the professional engineer, competent person, and demolition contractor, ensuring they possess appropriate qualifications and training.
- introducing requirements for structural appraisal reports, exclusion and safe working zones, and debris and waste handling.
- new guidance for the demolition of special structures such as prefabricated prefinished volumetric construction (PPVC) (steel and concrete), mass engineered timber and marine structures, and addresses additional hazards associated with prestressed materials.

Users of the standard include construction and demolition companies, engineers, contractors, consultants, IHLs and relevant government agencies.

Public comment period: 14 November 2025 to 15 January 2026

4. Bi-directional load test (Review of TR 63:2018)

This standard provides requirements and recommendations on conducting bi-directional load tests on cast-in-situ bored piles and barrette piles. It covers the following areas:

- Roles and responsibility;
- Apparatus and equipment;
- Pile construction and test procedures;
- Safety requirements;
- Design and reporting.

The changes in this revision include:

- updates on apparatus and equipment, test set-up and procedures, reporting and interpretation; and
- revising annexes and figures to improve usability and incorporate new technological developments in bi-directional testing.

This standard is reviewed with the intention to elevate TR 63 into a Singapore Standard.

Users of the standard include contractors, consultants, developers, engineers, TIC bodies and relevant government agencies.

Public comment period: 14 November 2025 to 15 January 2026

(III) Electrical and Electronic

New

5. Batteries for use in stationary and motive auxiliary power applications (Identical adoption of UL 1973:2022)

This standard specifies safety requirements for batteries and battery systems and evaluates the battery system's ability to safely withstand simulated abuse conditions.

The battery systems covered in this standard include:

- energy storage for stationary applications such as for photovoltaic, wind turbine storage or for uninterruptible power supply;
- light electric rail applications and stationary rail applications such as rail substations;
- vehicle auxiliary power systems that are utilised in recreational vehicles and other vehicles to generate power for various applications such as lighting and appliances.

It does not cover the performance or reliability of these battery systems.

Users of the standard include secondary cells manufacturers and suppliers, energy storage system contractors and integrators, training providers, TIC bodies, IHLs and relevant government agencies.

(IV) Safety and Quality

Revision

6. Specification for lifting gear – Part 1: Wire rope slings (Revision of SS 343-1:2014) (Modified adoption of ISO 7531:1987(2022))

This standard specifies a series of wire rope slings for lifting purposes. It covers the types of wire rope sling, the working load limit, and the manufacture of slings and sling assemblies. The multilegged slings are constructed with legs of equal nominal length.

Users of the standard include wire rope sling manufacturers and suppliers, authorised examiners, training providers, TIC bodies and relevant government agencies.

Confirmation

7. Personal fall-arrest systems

Part 1: Full body harnesses (SS 528-1:2006(2014)) (Identical adoption of ISO 10333-1:2000(2016))

Part 2: Lanyards and energy absorbers (SS 528-2:2006(2014)) (Identical adoption of ISO 10333-2:2000(2016))

Part 3: Self-retracting lifelines (SS 528-3:2006(2014)) (Identical adoption of ISO 10333-3:2000(2016))

Part 4: Vertical rails and vertical lifelines incorporating a sliding-type fall arrester (SS 528-4:2006(2014)) (Identical adoption of ISO 10333-4:2002(2023))

Part 5: Connectors with self-closing and self-locking gates (SS 528-5:2006(2014)) (Identical adoption of ISO 10333-5:2001(2024))

Part 6: System performance tests (SS 528-6:2006(2014)) (Identical adoption of ISO 10333-6:2004(2024))

Parts 1 to 5 specify the requirements, test methods, instructions for use, marking, labelling, packaging and maintenance for the components of personal fall-arrest systems.

The system performance tests in these standards are based on Part 6. It specifies tests and requirements for complete personal fall arrest systems made up from specific combinations of components and subsystems selected from those conforming to the other parts of SS 528, where it is both important and desirable to ascertain satisfactory system performance and interactive component compatibility.

Users of the standards include companies involved in work-at-height operations, personal protective equipment manufacturers and suppliers, industry associations, professional institutions, training providers, TIC bodies and relevant government agencies.

Copies of the draft are available at:

Viewing from Singapore Standards eShop

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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.

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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

Electrical and Electronic

1. Code of practice for transportation and storage of secondary cells and batteries

This standard covers the following:

- New secondary batteries and products, such as lithium ion and sodium ion batteries, with similar failure proliferation, such as thermal runaway, gas evolution and varying fire dynamics versus traditional fuel-based fire;
- Land transportation of batteries including recommended safety testing of batteries/products prior to test, limitations in capacity, labelling, packing instructions and mitigation measures;
- Indoor and outdoor storage of batteries and products in warehouses;
- Temporary storage and potential exemptions or conditions for such practices.

This standard does not cover:

- air and sea transportation;
- transportation or storage of battery related elements not in the cell, module, pack or product form. This includes battery raw materials, processed active battery materials, battery processed waste, black mass, or part thereof not in the assembled form of cell, modules, pack or product;
- deployed or in-use battery system;
- safety testing standards from cell to product.

Users of the standard include transportation, storage and warehousing of secondary cells and batteries companies, secondary cells and batteries manufacturers and suppliers, training providers, TIC bodies, IHLs and relevant government agencies.

B.2 Proposal for the Review of Singapore Standards

(I) Electrical and Electronic

1. Code of practice for electrical installations (SS 638:2018) (Modified adoption of BS 7671:2008)

This standard applies to the design, erection and verification of electrical installations. It covers electrical installations for:

- residential premises;
- commercial premises;
- public premises;
- industrial premises;
- agricultural and horticultural premises;
- prefabricated buildings;
- external lighting and similar installations;
- photovoltaic systems;
- low voltage generating sets;
- highway equipment and street furniture;
- medical locations;
- operating and maintenance gangways.

This standard does not apply to the following installations:

- Systems for the distribution of electricity to the public;
- Railway traction equipment, rolling stock and signalling equipment;
- Equipment of motor vehicles;
- Equipment on board ships covered by BS 8450;
- Equipment of mobile and fixed offshore installations;
- Equipment of aircraft;
- Radio interference suppression equipment, except so far as it affects safety of the electrical installation;
- Lightning protection systems for buildings covered by the SS 555 series;
- Lift installations covered by SS 550;
- Electrical equipment of machines covered by IEC 60204.

This standard is reviewed with the intention to update it.

Users of this standard include electrical workers, engineers, consultants, contractors, training providers, TIC bodies, IHLs and relevant government agencies.

(II) Food

2. Hazard analysis and critical control point (HACCP) system for food industry – Requirements with guidance for use (SS 444:2018)

This standard specifies requirements for auditing operational HACCP-based systems that safeguard food safety throughout the entire food supply chain. This covers all stages including production, preparation, processing, manufacturing, packaging, storage, transportation and distribution. This standard applies to all food businesses including food services, retail, and other related sectors that wish to design and implement an effective HACCP management system, regardless of type, size and product.

It applies to all food businesses that wish to design and implement an effective HACCP management system, regardless of type, size and product.

The standard is reviewed with the intention to update it.

Users of the standard include food suppliers, food manufacturers, food retailers, hotels, caterers, food service providers (e.g. consultancy, training providers and supply chain), TIC bodies, IHLs and relevant government agencies.

3. Code of practice for the preparation of ready-to-eat raw fish (TR 79:2020)

This standard outlines the best practices for the handling of ready-to-eat raw fish from source to processors, during transportation and at food retail establishments. It also covers control measures that can prevent pathogenic bacterial and parasitic contamination to minimise the risk of food-borne illnesses.

The standard is reviewed with the intention to elevate TR 79 into a Singapore Standard.

Users of the standard include, food manufacturers, food suppliers, food retailers, hotels, caterers, food service providers (e.g. consultancy), 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](#).