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ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 6 JUNE 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 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 Standards:

Environment and Resources – [environmental management](#) (5 standards)

Food – [organic primary produce](#)

Closing date for comments: **7 August 2025 (except for SS on organic primary produce which closes on 7 July 2025)**

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

Please submit comments to: standards@enterprisesg.gov.sg.

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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Chemicals – [master mass flow meter](#)

Safety and Quality – [energy lockout and tagout](#), [compressed natural gas](#) (3 standards), [food safety management systems](#)

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: **7 July 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) Environment and Resources

New

1. Environmental information – Competence requirements for teams validating and verifying environmental information (Identical adoption of ISO 14066:2023)

This standard specifies competence requirements for validation and verification teams (including technical experts) and independent reviewers.

This document is applicable to all organisations that plan and conduct external or internal validations, verifications and agreed-upon procedures.

2. Climate change management – Transition to net zero – Part 1: Carbon neutrality (Identical adoption of ISO 14068-1:2023)

This standard provides principles, requirements, and guidance for achieving and demonstrating carbon neutrality. It focuses on quantifying, reducing, and offsetting carbon footprints, utilising a hierarchical approach prioritising direct and indirect GHG emission reductions and removal enhancements within the value chain over offsetting.

3. Greenhouse gas management and related activities – Framework and principles for methodologies on climate actions (Identical adoption of ISO 14080:2018)

This standard provides guidelines by means of a framework and principles for establishing approaches and processes to:

- identify, assess and revise methodologies;
- develop methodologies;
- manage methodologies

4. Adaptation to climate change – Principles, requirements and guidelines (Identical adoption of ISO 14090:2019)

This standard specifies principles, requirements and guidelines for adaptation to climate change. This includes the integration of adaptation within or across organisations, understanding impacts and uncertainties and how these can be used to inform decisions.

This standard is applicable to any organisation, regardless of size, type and nature, e.g. local, regional, international, business units, conglomerates, industrial sectors, natural resource management units.

This standard can support the development of sector-, aspect- or element-specific climate change adaptation standards.

5. Adaptation to climate change – Guidelines on vulnerability, impacts and risk assessment (Identical adoption of ISO 14091:2021)

This standard provides guidelines for assessing the risks related to the potential impacts of climate change. It describes how to understand vulnerability and how to develop and implement a sound risk assessment in the context of climate change. It can be used for assessing both present and future climate change risks.

Risk assessment according to this document provides a basis for climate change adaptation planning, implementation, and monitoring and evaluation for any organization, regardless of size, type and nature.

Users of the standards on environmental management include companies and certification bodies that are involved in corporate sustainability efforts ranging from setting targets, climate

mitigation and action, climate adaption, financing and assurance of sustainability reports. This also includes relevant government agencies and institutes of higher learnings involved in initiatives relating to climate adaption, sustainability training and reporting.

(II) Food

Confirmation with amendment

6. Specification for organic primary produce (SS 632:2017+C1:2018+A1:2019)

This standard specifies the requirements for primary produce such as grains, mushrooms, fresh vegetables, fresh herbs and fresh fruits and covers processes such as production, post-harvest practices, import, packing and repacking, storage, transport and labelling of organic produce. Livestock, fish and processed food are not within the scope for this standard.

The amendment is to include some of the best practices and the reference source on sustainable packaging.

The standard was released for public comment from 6 December 2024 to 7 February 2025 and amendments had since been made to address the comments received. The Working Group had deliberated and addressed the comments received. The main changes are as follows:

- Deletion of the invalid hyperlinks stated in the list of references
- Insertion of Technical Reference on Sustainable packaging guiding framework and practices
- Amendments to clause 9.4.1 and 9.5.2 e) iii)

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

Users of the standard include primary producers, distributors, testing, inspection and certification bodies, institutes of higher learning, training providers, industry associations, research and professional institutions and relevant government agencies.

Public comment period: 6 June to 7 July 2025

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 Proposals for the Review of Singapore Standards

(I) Chemical

1. Code of practice for meter verification using master mass flow meter (TR 80:2020)

This standard covers the criteria and metrological requirements to qualify for a master meter and the maintenance of its master meter status. It also covers the requirements and procedures for meter verification using a 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 standard is reviewed with the intention to revise and elevate this Technical Reference to a Singapore Standard.

Users of the standard include bunker suppliers, bunker craft operators, TIC bodies, oil terminals, vendors of Coriolis mass flow meters, surveyors, shipowners/buyers and relevant government agencies.

(II) Safety and Quality

2. Code of practice for energy lockout and tagout (SS 571:2011)

This standard establishes the minimum safety requirements for the control of energy sources which could cause injury to persons. It applies to activities such as erecting, installing, constructing, repairing, adjusting, inspecting, modifying, unjamming, setting up, troubleshooting, testing, cleaning, dismantling, servicing, and maintaining machines, equipment or processes.

The standard is reviewed with the intention to update and align with the latest industry practices.

Users of the standard include manufacturers, training institutions and relevant government agencies.

3. Compressed natural gas (CNG) vehicle workshop and personnel requirements (TR 10:2003)

This standard sets out requirements for the premises, personnel and procedures for work on CNG vehicles such as installation of fuel system, inspection, maintenance, servicing and repairs.

4. Compressed natural gas (CNG) vehicle component and installation (TR 11:2003)

This standard sets out requirements for the installation, commissioning, certification and periodic inspection of CNG fuel systems mounted on motor vehicles, either for powering the vehicle or for other purposes.

5. Compressed natural gas (CNG) vehicle refuelling stations (TR 12:2003)

This standard sets our requirements for the design, construction and operation of a CNG refuelling station operating on pipeline quality gas.

The standards on CNG are reviewed with the intention to confirm them (with amendments, if required) for continued use.

Users of the standard include designers, manufacturers and suppliers, CNG vehicle installers/specialists, operators, engineers, contractors, inspectors, service providers and relevant government agencies.

6. Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems (TR ISO/TS 22003:2017) (Identical adoption of ISO/TS 22003-1:2013)

This standard is recommended for withdrawal as it has been replaced by SS ISO 22003-1:2023, “Food safety – Part 1: Requirements for bodies providing audit and certification of food safety management systems”. This new standard introduces significant changes aimed at enhancing the certification process for food safety management systems.

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](#).