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ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 5 APRIL 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 Standards for Publication

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

Building and Construction – [information management using building information modelling](#) (2 standards), [geotechnical design](#), [aggregates for concrete](#)

Chemical – [digital bunkering supply chain documentation](#)

Management Systems – [SS ISO management systems standards](#)

Safety and Quality – [recreational diving](#)

Closing date for comments: **6 June 2024** (except for the SS ISO management systems standards that will close on **6 May 2024**).

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

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

B) Notification of New Work Item Proposals

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:

Safety and Quality – [design and construction of fixed and movable guards](#), [auditing and certification of facility management \(FM\) management systems](#)

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

Closing date for comments: **6 May 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.

A) **Notification of Draft Singapore Standards for Publication**

(I) **Building and Construction**

New

1. **Organisation and digitisation of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling**

Part 1: Concepts and principles (Identical adoption of ISO 19650-1:2018)

This standard outlines the concepts and principles for information management at a stage of maturity described as BIM, according to the ISO 19650 series. It provides recommendations for a framework to manage information including exchanging, recording, versioning and organising for all actors. It is applicable to the whole life cycle of any built asset, including strategic planning, initial design, engineering, development, documentation and construction, day-to-day operation, maintenance, refurbishment, repair, and end-of-life.

Part 2: Delivery phase of the assets (Identical adoption of ISO 19650-2:2018)

This standard specifies requirements for an information management process, within the context of the delivery phase of assets and the exchanges of information within it, using BIM.

Potential users of the standards include architects, engineers, consultants, contractors, testing laboratories and relevant government agencies.

Amendment

2. **Amendment No. 2 to Singapore National Annex to Eurocode 7: Geotechnical design – Part 1: General rules** (NA+A1:2018 to SS EN 1997-1:2010(2018)+A1:2018)

This amendment updates the guidance on the design and construction for grouted anchors.

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

Confirmation

3. **Specification for aggregates for concrete** (SS EN 12620:2008)

This standard specifies the properties of aggregates and filler aggregates obtained by processing natural, manufactured, or recycled materials and mixtures of these aggregates for use in concrete.

Users of NA+A1:2018 to SS EN 1997-1 and SS EN 12620 include consultants, contractors, developers, engineers, manufacturers, suppliers, tertiary institutions, testing bodies, accreditation bodies and relevant government agencies.

(II) **Chemical**

New

4. **Specification for digital bunkering supply chain documentation**

This standard specifies requirements for the main types of digital documents utilised and exchanged within bunkering supply chains, aligning with established business practices and bunkering standards such as SS 600, “Code of practice for bunkering by bunker tankers using tank gauging”, SS 648, “Code of practice for bunker mass flow metering” and SS 660, “Code of practice for bunker cargo delivery from oil terminal to bunker tanker using mass flow meter”.

This standard requires digital documents to conform to specific data specifications and document formats. Additionally, it requires users to adhere to defined processes for the issuance of these documents.

A Supplement that is in machine-readable format will also be provided when the standard is published. The Supplement is a data definitions file that programmers can use to automatically generate codes to promote data consistency across various IT systems.

Potential users of the standard include bunker suppliers, oil traders, oil terminals, bunker buyers, bunker surveyors, bunker fuel testing bodies, digital service providers, financial institutions, industry associations for banking/shipping and relevant government agencies.

(III) Management Systems

Amendment

5. Amendment to SS ISO management systems standards (Identical adoption of ISO amendment)

The International Organization for Standardization (ISO) has issued an amendment to ISO management systems standards to address the need to consider the effect of climate change. The following Singapore Standards on management systems will be amended:

#	Standard
1	Biorisk management for laboratories and other related organisations (SS ISO 35001:2021) (Identical adoption of ISO 35001:2019)
2	Water efficiency management systems – Requirements with guidance for use (SS ISO 46001:2019+C1:2021) (Identical adoption of ISO 46001:2019)
3	Environmental management systems – Requirements with guidance for use (SS ISO 14001:2015) (Identical adoption of ISO 14001:2015)
4	Energy management systems –Requirements with guidance for use (SS ISO 50001:2018) (Identical adoption of ISO 50001:2018)
5	Food safety management systems – Requirements for any organisation in the food chain (SS ISO 22000:2018) (Identical adoption of ISO/IEC 22000:2018)
6	Information security, cybersecurity and privacy protection – Information security management systems – Requirements (SS ISO/IEC 27001:2023) (Identical adoption of ISO/IEC 27001:2022)
7	Quality management systems – Requirements (SS ISO 9001:2015 (2023)) (Identical adoption of ISO 9001:2015)
8	Security and resilience – Business continuity management systems – Requirements (SS ISO 22301:2020) (Identical adoption of ISO 22301:2019)
9	Anti-bribery management systems – Requirements with guidance for use (SS ISO 37001:2016) (Identical adoption of ISO 37001:2016)
10	Occupational health and safety management systems – Requirements with guidance for use (SS ISO 45001:2018(2023)) (Identical adoption of ISO 45001:2018)

The changes are as follows:

- Clause 4.1 Understanding the organisation and its context
Added a requirement: The organization shall determine whether climate change is a relevant issue.
- Clause 4.2 Understanding the needs and expectations of interested parties
Added a note: Relevant interested parties can have requirements related to climate change.

These standards are applicable to organisations of all sizes, types and activities.

Users of these standards include suppliers, buyers, manufacturers, service providers, testing, inspection and certification (TIC) bodies, training providers and relevant government agencies.

Comment period: 5 April to 6 May 2024

(IV) **Safety and Quality**

Withdrawal

6. **Technical Reference for recreational diving (TR 32:2012)**

This standard is recommended for withdrawal as it has been replaced by SS 701:2023, “Code of practice for inland and open water sporting activities”.

Copies of the drafts and standards are available at:

Viewing from Singapore Standards eShop

Login to Singapore Standards eShop at: www.singaporestandardseshop.sg

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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)

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NOTE – The viewing period of the drafts and standards will expire on the closing of the public comment period and will no longer be available after this date.

B) **Notification of New Work Item Proposals**

Safety and Quality

1. **Safety of machinery – Guards – General requirements for the design and construction of fixed and movable guards (Adoption of ISO 14120:2015, confirmed by ISO in 2021)**

This standard specifies the general requirements for the design, construction and selection of guards to protect person from mechanical hazards, and indicates other hazards apart from mechanical hazards that can influence the design and construction of guards.

Potential users of the standard include TIC bodies, manufacturers, suppliers, industry associations, professional bodies and relevant government agencies.

2. **Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 11: Competence requirements for auditing and certification of facility management (FM) management systems (Identical adoption of ISO/IEC TS 17021-11:2018, confirmed by ISO in 2021)**

This standard specifies additional competence requirements for personnel involved in the audit and certification process of a FM management system and complements the existing requirements of SS ISO/IEC 17021-1, “Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 1: Requirements”.

Potential users of the standard include TIC bodies and relevant government agencies.

Submit Comments

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](#).