

Submit Comments

ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 11 DECEMBER 2020

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 Standard documents:

Chemical – [paint, primer, coating](#) (5 standards)

Environment and Resources – [energy management systems](#), [fans](#), [pump system](#)

Quality and Safety – [self-closing delayed-action and sensor taps](#)

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

Closing date for comments: **12 February 2021** for all except SS 494, which is **12 January 2021** as it had already undergone an earlier round of public comment.

Please submit comments to: kay_chua@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 Technical References (pre-standards).

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:

Biomedical and Health – [biosafety](#)

Trade and Connectivity – [rapid transit and rail](#) (3 standards)

Closing date for comments: **12 January 2021**.

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

B.2 Proposal for the Review of Singapore Standards

Published Singapore Standards are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Environment and Resources – [energy management systems](#) (2 standards)

The reviews are ongoing and the new versions/drafts are not available at this juncture. Users can refer to the current standard to provide feedback. [Click here](#) to view or purchase the standard.

Closing date for comments: **12 January 2021**.

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 kay_chua@enterprisesg.gov.sg.

A) Notification of draft Singapore Standards for Publication

(I) Chemical

Amendments

- 1. Amendment No. 2 to Specification for aluminium paint (SS 37 : 1998)**
- 2. Amendment No. 2 to Specification for aluminium wood primer (SS 38 : 1998)**

The amendments specify the through-dry time derived from SS 5 : Part D5, "Determination of through-dry state and through-dry time", align the unit of measurement of lead content with other paint performance specification standards and include the new maximum requirement for through-dry time and lead content.

- 3. Amendment No. 1 to Specification for algae resistant emulsion paint for decorative purposes (SS 345 : 2015)**
- 4. Amendment No. 1 to Specification for elastomeric wall coating (SS 500 : 2015)**

The amendments include updated references to the latest SS 5 test methods and chromium (VI) content. They specify the hard-dry time derived from the new SS 5 : Part D6, "Hard dry time – Test using a mechanical recorder", and the new maximum requirement for lead content. For SS 500, the amendment also includes the calculation for dirt collection index, Dc.

- 5. Amendment No. 2 to Specification for lead and chromate-free primer for iron and steel substrates (SS 494 : 2001)**

This amendment was released for public comment from 9 October 2020 to 10 December 2020. The Technical Committee has since deliberated and addressed the comments received on the amendment. The amendment now includes the new maximum lead content requirement of 90 ppm.

The closing date for comments for SS 494: 12 January 2020.

Those interested in these amendments (item 1 to 5) may include paint manufacturers, suppliers, test laboratories, contractors, applicators, architectural associations, consultants, facilities/property managers, building surveyors and relevant government agencies.

[\(Click here\)](#) to download amendment to SS 37)

[\(Click here\)](#) to download amendment to SS 38)

[\(Click here\)](#) to download amendment to SS 345)

[\(Click here\)](#) to download amendment to SS 494)

[\(Click here\)](#) to download amendment to SS 500)

(II) **Environmental and Resources**

Revision

6. **Energy management systems – Guidance for the implementation, maintenance and improvement of an energy management system** (Revision of SS ISO 50004 : 2014) (Identical adoption of ISO 50004 : 2020)

This standard gives practical guidelines and examples for establishing, implementing, maintaining and improving an energy management system (EnMS) in accordance with the systematic approach of ISO 50001:2018, “Energy management system – Requirements with guidance for use”.

The guidance in this document is applicable to any organisation.

Withdrawal

7. **Fans – Efficiency classification for fans** (SS ISO 12759 : 2017)

This standard is proposed for withdrawal as energy services companies and fan suppliers provided feedback that it will not be necessary to continue with the adoption of the standard since most of the fan specifications in the local market refer to standards such as AMCA 207 (fan system efficiency and input power calculation), AMCA 205 (energy efficiency classification for fans) and AMCA 208 (fan energy index).

8. **Pump system energy assessment** (SS ISO/ASME 14414 : 2017)

This standard is proposed for withdrawal as energy services companies and pump suppliers provided feedback that it will not be necessary to continue with the adoption of the standard as users can refer to SS 553 (air-conditioning and mechanical ventilation), SS 591 (chilled water system energy efficiency), SS 530 (energy efficiency) and ASHRAE 90.1 (energy standard).

(III) **Quality and Safety**

Revision

9. **Specification for performance of self-closing delayed-action and sensor taps for water services** (Review of SS 448 : 1998)

This standard resulted from the review of SS 448 series of standards (5 parts) on performance of draw-off taps with metal or plastic bodies for water services. The new standard combines all 5 parts into a single standard. The SS 448 series of standards will be withdrawn at a later stage after the industry has adopted the new standard.

This standard specifies the dimensional, design, hydraulic, mechanical and physio-chemical characteristics of draw-off taps in nominal sizes of ½ and ¾ that are suitable for use in water supply systems with continuous line pressures not exceeding 10 bar and at continuous operating temperatures below 90°C. It also specifies the flow rate, flow duration requirements and latest relevant test methods for the following classes of taps:

- Class A : Mechanical self-closing delayed-action taps;
- Class B : Sensor taps; and
- Class C : Sensor self-closing delayed-action taps.

Potential users of the standard include manufacturers and suppliers, testing, inspection and certification bodies, industry associations, academic institutions and relevant government agencies.

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 National Libraries

All public libraries' multimedia stations and on personal internet/mobile devices (e.g. mobile phones, notebooks, tablets) at all public libraries via NLB eDatabases "Singapore and ISO Standards Collection" (refer to www.nlb.gov.sg/VisitUs.aspx 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 Work Item Proposals

B.1 Proposed New Work Items

(I) Biomedical and Health

New

1. Specifications for biosafety level 3 laboratories

This standard specifies the set-up and maintenance of biosafety level 3 laboratories. It will be complemented by the identical adoption of ISO 35001: 2019, "Biorisk management for laboratories and other related organisations" which will be released for public comment in Jan/Feb 2021.

This standard is applicable to any laboratory or other organisation that works with, stores, transports, and/or disposes of hazardous biological materials.

(II) Trade and Connectivity

2. Technical Reference – Mass Rapid Transit (MRT) and Light Rail Transit (LRT) operations – Terminology for railway operations

The standard sets out the terms and definitions related to railway operations in areas such as track access, station and train operations, and incident management.

3. Technical Reference – Mass Rapid Transit (MRT) and Light Rail Transit (LRT) – Baseline requirements for service delivery, commuter experience and incident management

The standard specifies the requirements for service delivery, commuter experience and incident management during service delay, disruption or degradation. Service delivery and commuter experience include train service delivery, train punctuality and headway, and incident management includes reporting processes, information dissemination and activation of alternative plans for commuters.

4. **Technical Reference – Types of railway signs**

The standard provides guidance on the types of railway signs commonly used in operations, for both non-commuter-facing areas and commuter-facing areas.

Potential users of the standards include rail transport operators, contractors, suppliers/manufacturers, tertiary institutions and government agencies.

B.2 Review of Singapore Standards

(I) Environmental and Resources

1. Energy management systems – Requirements for bodies providing audit and certification of energy management systems (Revision of SS ISO 50003 : 2014)

This standard specifies requirements for competence, consistency and impartiality in the auditing and certification of ISO 50001 energy management systems (EnMS) for bodies providing these services. In order to ensure the effectiveness of EnMS auditing, this standard addresses the auditing process, competence requirements for personnel involved in the certification process for energy management systems, the duration of audits and multi-site sampling.

The intent of this review is to adopt the upcoming ISO 50003.

Potential users of SS ISO 50003 include inspection and certification bodies.

2. Energy management systems – Measuring energy performance using energy baselines (EnB) and energy performance indicators (EnPI) – General principles and guidance (Revision of SS ISO 50006 : 2014)

This standard provides guidance to organisations on how to establish, use and maintain EnPIs and EnBs as part of the process of measuring energy performance.

The intent of this review is to adopt the upcoming ISO 50006.

The guidance in this standard is applicable to any organisation, regardless of its size, type, location or level of maturity in the field of energy management.

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. What happens after I have submitted my comments?

The comments will be channelled to the relevant standards committee for consideration and you will be informed of the outcome of the committee's decision. You may be invited to meet the committee if clarification is required on your feedback.

5. Can I view drafts after the public comment period?

Drafts will not be available after the public comment period.

6. How do I request for the development of a new standard?

You can propose the development of a new standard [here](#).