Click here to get the public comment form. Comments will only be accepted via this form.

ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 3 NOVEMBER 2023

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:

Chemical – emulsion paint

Electrical and electronic – communication networks and systems for power utility automation

Manufacturing – additive manufacturing (4 standards)

Safety and Quality – safety of machinery, conformity assessment, protective gloves

Closing date for comments: **4 January 2024** (except for the standard on safety of machinery that will close on **11 January 2024**).

For more information on viewing the documents, click here.

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

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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Environment and Resources – mobile waste and recycling containers (6 standards)

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.

Closing date for comments: **4 December 2023**

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) Chemical

Amendment

1. Amendment No. 1 to Specification for emulsion paint for decorative purposes (SS 150:2021)

This amendment provides clarity and refines the test methods and process for emission limits testing of emulsion paint, including the following changes:

- Additional normative Annex D and Annex E that provide details on preparation of test samples and measurement of air velocity for total volatile organic compounds (TVOC) and formaldehyde emission test,
- Removal of requirement for accelerated weathering of emulsion paint, in alignment with interior paints;
- Additional details on assessment criteria for fastness to light test;
- Clarifications for fungal resistance test procedures; and
- Recommendations for sustainable disposal of used paint packaging.

Users of the standard include paint manufacturers/suppliers, test laboratories, contractors, applicators, associations, consultants, facilities/property managers, building surveyors and relevant government agencies.

(Click here to download the amendment.)

(II) Electrical and Electronic

New

2. Communication networks and systems for power utility automation – Part 7-420: Basic communication structure – Distributed energy resources and distribution automation logical nodes (Identical adoption of IEC 61850-7-420:2021)

This standard defines the IEC 61850 information models to be used in the exchange of information with distributed energy resources (DER) and distribution automation (DA) systems.

The IEC 61850 DER information model standard utilises existing IEC 61850-7-4 logical nodes where possible, while defining DER and DA specific logical nodes to provide necessary data objects for DER and DA functions, including for the DER interconnection grid codes specified by various countries and regions.

Users of the standard include testing and inspection companies, substation equipment manufacturers/suppliers, substation contractors and service providers, training providers, institutes of higher learning and relevant government agencies.

(III) Manufacturing

New

3. Additive manufacturing − General principles − Part positioning, coordinates and orientation (Identical adoption of ISO 17295:2023)

This standard provides specifications and illustrations for the positioning and orientation of parts with regard to systems coordination and testing methodologies for additive manufacturing (AM) technologies, standardising the method of representation, particularly when reporting results from testing of parts made on AM systems.

It is intended to replace SS ISO/ASTM 52921:2016, “Standard terminology for additive manufacturing – Coordinate systems and test methodologies”.

Revision

4. **Additive manufacturing − General principles − Fundamentals and vocabulary** (Revision of SS ISO/ASTM 52900:2016) (Identical adoption of ISO/ASTM 52900:2021)

   This standard establishes and defines terms used in AM technology, which applies the additive shaping principle and thereby builds physical three-dimensional geometries by successive addition of material.

5. **Additive manufacturing − General principles − Overview of data processing** (Revision of SS ISO 17296-4:2016) (Identical adoption of ISO/ASTM 52950:2021)

   This standard covers the principal considerations that apply to data exchange for AM. It specifies terms and definitions that enable information to be exchanged, describing geometries or parts such that they can be additively manufactured. The data exchange method outlines file type, data enclosed formatting of such data and what this can be used for.

   NOTE – This standard will be renumbered as SS ISO/ASTM 52950.

Withdrawal

6. **Standard terminology for additive manufacturing – Coordinate systems and test methodologies** (SS ISO/ASTM 52921:2016) (Identical adoption of ISO/ASTM 52921:2013)

   This standard is recommended for withdrawal as it will be replaced with the new SS ISO 17295.

   Users of the standards on additive manufacturing include system integrators, testing, inspection and certification (TIC) bodies, institutions, companies, institutes of higher learning, training providers and relevant government agencies.

(IV) Safety and Quality

New

7. **Safety of machinery – General principles for design – Risk assessment and risk reduction** (Identical adoption of ISO 12100:2010)

   This standard specifies basic terminology, principles and a methodology for achieving safety in design of machinery. It specifies principles of risk assessment and risk reduction to help designers in achieving this objective. Procedures are described for identifying and eliminating hazards, as well as estimating and evaluating risks during relevant phases of the machine life cycle. Guidance is given on the documentation and verification of the risk assessment and risk reduction process.

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

   Comment period: 10 November 2023 to 11 January 2024

Revision

8. **Conformity assessment – Vocabulary and general principles** (Revision of SS ISO/IEC 17000:2017) (Identical adoption of ISO/IEC 17000:2020)

   This standard specifies general terms and definitions relating to conformity assessment (including the accreditation of conformity assessment bodies) and the use of conformity assessment to facilitate trade. The general principles of conformity assessment and a description of the functional approach to conformity assessment are covered in the standard.

   Users of the standard include accreditation bodies, organisations performing conformity assessment activities, TIC bodies and relevant government agencies.

Withdrawal

9. **Protective gloves — General requirements and test methods** (SS EN 420:2003+A1:2016) (Identical adoption of EN 420:2003)

This standard is recommended for withdrawal as it will be replaced by SS ISO 21420:2023, "Protective gloves – General requirements and test methods".

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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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 the Proposal for the Review of Standards

Environment and Resources

Mobile waste and recycling containers

Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices – Dimensions and design (SS EN 840-1:2014) (Identical adoption of EN 840-1:2012)

Part 2: Containers with 4 wheels with a capacity up to 1300 l with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design (SS EN 840-2:2014) (Identical adoption of EN 840-2:2012)

Part 3: Containers with 4 wheels with a capacity up to 1300 l with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design (SS EN 840-3:2014) (Identical adoption of EN 840-3:2012)

Part 4: Containers with 4 wheels with a capacity up to 1700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices – Dimensions and design (SS EN 840-4:2014) (Identical adoption of EN 840-4:2012)

Parts 1 to 4 specify dimensions and design requirements of mobile waste and recycling containers with various capacities and functions.

Part 5: Performance requirements and test methods (SS EN 840-5:2014) (Identical adoption of EN 840-5:2012)

Part 5 provides the test methods for mobile waste and recycling containers according to SS EN 840 Parts 1 to 4. It also gives the levels to be reached during the tests or after they have been done. It is applicable to mobile waste and recycling containers with capacities up to 1700 l.

Part 6: Safety and health requirements (SS EN 840-6:2014) (Identical adoption of EN 840-6:2012)

Part 6 provides the essential safety, health and ergonomic requirements for mobile waste recycling containers according to SS EN 840 Parts 1 to 4, excluding hazardous waste containers.

The standards on mobile waste and recycling containers will be reviewed with the intention to adopt the latest EN editions.

Users of the standards includes organisations that uses, supplies and distributes mobile recycling containers, licensed general waste collectors 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 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.