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## ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 4 NOVEMBER 2022

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 – [cleaning performance](#)

Electrical and Electronic – [temporary electrical installations](#), [terrestrial photovoltaic \(PV\) modules \(3 standards\)](#)

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

Closing date for comments: **5 January 2023**

Please submit comments to: [standards@enterprisesg.gov.sg](mailto:standards@enterprisesg.gov.sg).

### B) Notification of New Work Items

#### B.1 Proposals 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.

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:

Transportation – [conductor rail system and overhead catenary system](#), [pump and drainage system in railway tunnels and stations](#), [risk management framework for railway assets](#)

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

Closing date for comments: **5 December 2022**

#### B.2 Proposal 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Singapore Standards and Technical References are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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:

Building and Construction – [drainage of roofs](#)

Quality and Safety – [protective gloves](#)

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: **5 December 2022**

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](mailto:standards@enterprisesg.gov.sg).

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

### **(I) Building and Construction**

#### **New**

#### **1. Code of practice for measurement of cleaning performance for commercial, residential estates and retail F&B premises**

This standard resulted from the review of the following standards:

- a) SS 499:2015, "Cleaning service industry – Cleaning performance for commercial premises";
- b) SS 533:2015, "Cleaning performance for public housing estates"; and
- c) SS 610:2016, "Guidelines for cleaning performance of retail food and beverage (F&B) premises".

This standard establishes an industry-wide approach to performance measurement of cleaning services to cover more premises such as transport hubs, educational institutes and recreational facilities under the commercial and residential estates, and retail F&B categories. It also covers the management of cleaning operations (including minimum cleaning frequencies, cleaning chemicals and equipment, staff training, etc.), cleaning inspection methodology and cleaning quality benchmark.

Potential users of the standard include building owners, facility managers, managing agents, town councils, cleaning service providers and relevant government agencies.

### **(II) Electrical and Electronic**

#### **Revision**

#### **2. Code of practice for temporary electrical installations – Part 3: Shipbuilding and ship-repairing yards (Revision of CP 88-3:2004)**

This standard deals with the provision of temporary electricity supply from the shore fixed installations or from mobile generating sets to vessel(s) under construction and during repair and conversion work.

This standard covers all temporary electrical installations in the building and repairing of vessels in the yards. It applies to electrical installations set up for the provision of electricity supply during the execution of the works in:

- a) shipbuilding and repairing yards;
- b) vessels moored alongside the yards; and
- c) confined spaces or confined locations or other similar situations on board vessels.

CP 88-3 will be re-designated as Part 3 of the SS 650 series of standards.

Users of the standard include industry associations, testing laboratories, service providers, shipping companies and relevant government agencies.

### 3. Terrestrial photovoltaic (PV) modules – Design qualification and type approval

**Part 1: Test requirements** (Revision of SS IEC 61215-1:2019) (Identical adoption of IEC 61215-1:2021)

**Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules** (Revision of SS IEC 61215-1-1:2019) (Identical adoption of IEC 61215-1-1:2021)

**Part 2: Test procedures** (Revision of SS IEC 61215-2:2019) (Identical adoption of IEC 61215-2:2021)

This series of standards sets out requirements for the design qualification of terrestrial photovoltaic (PV) modules suitable for long-term operation in open-air climates. The useful service life of modules so qualified will depend on their design, their environment and the conditions under which they are operated.

Users of the series on PV modules include building and asset owners, testing and certification bodies, solar companies, research institutes, institutes of higher learning 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](http://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 eDatabases "Singapore and ISO Standards Collection" (refer to [www.nlb.gov.sg/VisitUs.aspx](http://www.nlb.gov.sg/VisitUs.aspx) for address and viewing hours)

#### Purchase of Singapore Standards

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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) Proposal for New Work Items**

#### **Transportation**

#### **1. Technical Reference – Maintenance regime for the conductor rail system and the overhead catenary system**

This standard specifies a common approach towards a maintenance regime for the conductor rail system and the overhead catenary system. It covers all mechanical components, but not electrical components, related to the conductor rail system and the overhead catenary system.

**2. Technical Reference – Maintenance regime for the pump and drainage system in railway tunnels and stations**

The standard specifies a common approach towards a maintenance regime for the pump and drainage system in railway tunnels and stations. It covers the maintenance life cycle phase of assets, which include pumps, sensors, mechanical parts, electrical and signal interfaces.

**3. Technical Reference – Risk management framework for railway assets**

This standard establishes a systematic framework for managing risks in the operation and maintenance phases of railway assets and specifies the following processes:

- Risk identification;
- Risk assessment against acceptance criteria;
- Risk mitigation and control;
- Risk acceptance; and
- Risk monitoring and review.

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

**B.2) Proposal for the Review of Singapore Standards**

**(I) Building and Construction**

**1. Code of practice for drainage of roofs (SS 525:2006+A1:2007)**

This standard specifies the requirements for the drainage of surface water from roofs and walls and recommends methods of designing gutters, gutter outlets, and rainwater downpipes.

This standard is being reviewed to provide additional provisions on wind-driven rain, balcony and corridor drainage and siphonic systems.

Users of the standard include architects, engineers, builders and others responsible for the design of drainage systems conveying rainwater from roofs to the point of discharge in the surface drain.

**(II) Quality and Safety**

**2. Protective gloves – General requirements and test methods (SS EN 420:2003(2016)) (Identical adoption of EN 420:2003+A1:2009)**

This standard specifies general requirements and relevant test procedures for glove design and construction, resistance of glove materials to water penetration, innocuousness, comfort and efficiency, marking and information supplied by the manufacturer.

This standard is reviewed with the intention to adopt the latest international standard for the safety needs of the local industry.

Users of the standard include manufacturers and suppliers, buyers and end-users, TIC bodies, industry associations 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](#).