

Submit Comments

## **ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 15 NOVEMBER 2019**

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 – [paints \(Brookfield viscometer\)](#)

Electrical and Electronic – [adaptors](#)

Information Technology – [sustainable data centres \(energy and environmental management systems\)](#)

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

Closing date for comments: **16 January 2020**.

Please submit comments to: [kay\\_chua@enterprisesg.gov.sg](mailto: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 standard and contents that can be included into the following proposal:

Biomedical and Healthcare – [validation of miRNA-based diagnostics](#)

The NWI is work-in-progress and the draft is not available at this juncture.

Closing date for comments: **16 December 2019**.

Please submit comments to: [kay\\_chua@enterprisesg.gov.sg](mailto: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Published Singapore Standards are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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 scope and contents of the following standard to be reviewed:

Building and Construction – [precast concrete kerbs](#)

The review is ongoing and the new version/draft is not available at this juncture. Users can refer to the current standard to provide feedback. [Click here](#) to view and purchase the standards.

Closing date for comments: **16 December 2019**.

Members of the public are invited to join as standards partners, resource members or co-opted 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](mailto:kay_chua@enterprisesg.gov.sg).

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

### **(I) Chemical**

#### **Withdrawal**

#### **1. Methods of test for paints, varnishes and related materials – Part B16 Determination of viscosity by the Brookfield viscometer (Review of SS 5 : Part B16 : 2013)**

This standard is recommended for withdrawal as it will be replaced by the new SS 5 : Part B17, “Methods of test for paints, varnishes and related materials – Part B17 Determination of viscosity by the rotational viscometer”.

Part B17 is a modified adoption of ASTM D2196-15, “Standard test methods for rheological properties of non-newtonian materials by rotational viscometer”. It includes additional Test Method B –Viscosity under changing speed conditions, degree of shear thinning and thixotropy and Test Method C – Viscosity and shear thinning of a sheared material.

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

#### **New**

#### **2. Specification for 13 A plugs, socket-outlets, adaptors and connection units – Part 3 : Adaptors (Modified adoption of BS 1363-3:2016+A1:2018) (Review of SS 246 : 2016)**

This standard specifies requirements for adaptors having insulated sleeves on the line and neutral plug pins and suitable for socket-outlets complying with SS 145, with particular reference to safety in normal use. Adaptors specified in this standard are intended for household, commercial and light industrial purposes. The adaptors are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc. in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz. Adaptors incorporating electronic components are included in this standard.

This standard also applies to shaver adaptors which have the earth pin replaced with a similarly dimensioned protrusion made of insulating material designated as an insulated shutter opening device (ISOD) designed to operate the shutter mechanism of a socket-outlet conforming to SS 145 : Part 2.

This standard does not cover travel adaptors. Further, assemblies comprising a plug and one or more portable socket-outlets connected together by a flexible cable are not considered to be adaptors according to this standard. It also does not cover devices incorporating transformers, timers, thermostats or other control means.

This standard is not applicable to adaptors incorporating remote control switching and remote energy monitoring functions.

Potential users of the standard include manufacturers and suppliers, professional engineers, licenced electrical workers (LEWs), consultants, contractors and testing laboratories.

(III) **Information Technology**

**Revision**

**3. Sustainable data centres**

**Part 1 : Energy and environmental management systems** (Revision of SS 564 : Part 1 : 2013)

This standard specifies guidelines for organisations to establish the policies, systems and processes necessary to improve the energy efficiency of their data centres and lessen their impact on the environment. It comprises three key components: i) a certifiable, management system; ii) recommended metrics to track performance, and identify potential areas for improvement; and iii) a set of best practices.

The revision is to align the requirements of SS 564 with the current ISO 50001 : 2018 on energy management, and the latest metrics and their definitions for tracking data centre performance. It will also update the data centre best practices and recommendations to keep up with technological advancements.

**Part 2 : Guidance for energy and environmental management systems** (Revision of SS 564 : Part 2 : 2013)

This standard provides explanations and advice to help users implement and meet the requirements of the energy and environmental management system for sustainable data centres specified in SS 564 : Part 1. Where relevant, examples are given for illustration. The standard serves as a guide but will not be part of the certifiable requirements for a sustainable data centre under SS 564.

The users of the above standards on sustainable data centres include data centre operators, consultants, vendors, certification bodies and other users with an interest to implement the requirements of SS 564 : Part 1.

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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**NOTE** – The viewing period of the drafts and standards will expire on the closing of the 2-month public comment period and will no longer be available after this date.

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

### **B.1 Proposed New Work Items**

#### **Biomedical and Healthcare**

##### **Specification of the validation of miRNA-based diagnostics**

This standard provides guidance on basic analytical test to validate and verify the performance of miRNA-based biomarkers assays. It also provides suggestions in overcoming difficulties faced regarding the collection and testing of miRNA from human samples.

Potential users of the standard include research institutes, manufacturers and testing laboratories.

### **B.2 Review of Singapore Standards**

#### **Building and Construction**

##### **Specification for precast concrete kerbs (SS 214 : 2009)**

This standard specifies materials, properties, requirements and test methods for precast concrete kerbs including channel, divider and C-kerbs that are used in trafficked or paved areas.

The standard is reviewed with the intention to update it.

Users of the standard may include consultants, contractors, developers, professional engineers, suppliers / manufacturers, tertiary institutions, testing bodies, accreditation bodies 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. 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](#).