

Submit Comments

## **ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 7 MAY 2021**

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:

Biomedical and Health – [biorisk management for laboratories](#)

Building and Construction – [water services](#)

Chemical – [paints and varnishes](#)

Electrical and Electronics – [fire-resistant cables](#), [emergency voice communication systems](#)

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

Closing date for comments: **8 July 2021** except for SS 299 which closes on **8 June 2021** as it had already undergone an earlier round of public comment

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 standards and contents that can be included into the following proposals:

Biomedical and Health – [artemisiae argyi](#)

Environment and Resources – [biochar](#)

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

Closing date for comments: **8 June 2021**.

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Published Singapore Standards are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Building and Construction – [unplasticised PVC pipes and fittings](#)

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 or purchase the standard.

Closing date for comments: **8 June 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](mailto:kay_chua@enterprisesg.gov.sg).

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

### **(I) Biomedical and Health**

#### **New**

#### **1. Biorisk management for laboratories and other related organisations (Identical adoption of ISO 35001:2019)**

This standard defines a process to identify, assess, control, and monitor the risks associated with hazardous biological materials. It is applicable to any laboratory or other organisation that works with, stores, transports, and/or disposes of hazardous biological materials.

This standard is not intended for laboratories that test for the presence of microorganisms and/or toxins in food or feedstuffs. It is also not intended for the management of risks from the use of genetically modified crops in agriculture.

Potential users of the standard include facility certifiers, accreditors, biosafety professionals and relevant government agencies.

### **(II) Building and Construction**

#### **Amendment**

#### **2. Amendment No. 4 to Code of practice for water services (SS 636:2018+A3:2020)**

This amendment specifies the requirements to comply with the manufacturer's specifications and instructions when performing water service installation works including repairs. It includes clarification on the tap installation sequence.

It includes the requirements to improve the security of access to room / enclosure housing potable water tanks.

It also specifies the use of stainless-steel clip(s) that can properly secure the nettings of air vents and pipe ends of overflow / warning pipes.

Those who may be interested in this Amendment include professional engineers, registered architects, licensed water services plumbers in the design, installation, fixing, testing and maintenance of water services in all residential, commercial and industrial buildings/premises, and relevant government agencies.

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

(III) **Chemical**

**Amendment**

3. **Amendment No. 1 to Methods of test for paints, varnishes and related materials – Part C6 : Determination of low concentrations of lead, cadmium and cobalt in paint by atomic absorption spectroscopy** [SS 5 : Part C6 : 1988 (2013)]

This amendment includes the updated application range and specifies the new units of measurement for the determination of lead contents.

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

(IV) **Electrical and Electronics**

**Revision**

4. **Fire-resistant cables of rated voltage up to and including 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire – Requirements and test methods** [Revision of SS 299 : Part 1 : 1998 (2013), re-designated as SS 299] (Modified adoption of BS 6387 : 2013)

This standard specifies the construction and performance of mechanical and electrical requirements. It also describes the methods of test relating to circuit integrity, for armoured and non-armoured fire-resistant power and control cables of rated voltages up to and including 600/1000 V having low emission of smoke and corrosive gases when affected by fire. The revision includes additional requirements for flame propagation, low smoke and halogen-free test.

It does not cover mineral insulated copper-clad and communication cables.

This standard was released for public comment from 15 May to 16 July 2020. The Working Group has addressed the comments received. This round of public comment is to clarify that the circuit integrity test of fire-resistant cables in SS 299 for diameter exceeding 20 mm shall be tested to BS 7846 Annex I, and for diameter less than or equal to 20 mm shall be tested to BS 6387.

Potential users of the standard include electric cable manufacturers and suppliers, professional engineers, licensed electrical workers (LEWs), consultants, contractors, testing laboratories and relevant government agencies.

Closing date for comments: **8 June 2021**.

5. **Code of practice for emergency voice communication systems in buildings** (Revision of SS 546 : 2009)

This standard applies to the planning, design, installation, maintenance and testing of emergency voice communication (EVC) systems in buildings and sets out the requirements for the basic system. The key changes include the updates of live voice and pre-recorded messages, the requirements on remote handsets, power supply/battery, interface to fire alarm systems, and maintenance and testing.

Potential users of the standard include manufacturers and suppliers, architects, professional engineers, consultants, testing laboratories, contractors and relevant government agencies.

Copies of the drafts and standards are available at:

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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 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**

##### **1. Comprehensive grading standard for artemisiae argyi**

This standard specifies the grade of artemisiae argyi (Moxa, 艾叶) through qualitative and quantitative analysis of pre-defined chemical compositions. The standard includes the grading structure for artemisiae argyi based on the quantity of selected quality related compounds present in the herb and also sample collection, preparation and test methods (gas chromatography–mass spectrometry and other suggested methods).

Potential users of the standards include testing laboratories, manufacturers, distributors, associations and retailers.

#### **(II) Environment and Resources**

##### **2. Specification for production and application of biochar**

The standard specifies the requirements for the production and subsequent application of biochar in:

- agriculture (food safety requirements if applied on crops);
- horticulture;
- anaerobic digestion of waste;
- use as construction materials; and
- activated carbon.

The standard covers the sampling, labelling and test methods to be used to verify the quality requirements of biochar from horticultural waste. It also recommends the system for categorising different grades of biochar and the requirements for production, storage, distribution and marketing of biochar.

Potential users of the standard include biochar manufacturers and suppliers, testing laboratories, users and buyers of biochar, and relevant government agencies.

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

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

#### **1. Specification for unplasticised PVC pipes and fittings below ground for drainlines and sewers (SS 272 : 2012)**

This standard covers the requirements for unplasticised polyvinyl chloride (uPVC) and accessories for drainlines, and sewers carrying sewage and/or waste water for use below ground.

Users of the standard include professional engineers, manufacturers, suppliers, industry associations, licensed water service plumbers and qualified persons for building projects, testing, inspection and certification 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](#).