

Submit Comments

ENTERPRISE SINGAPORE CALLS FOR PUBLIC COMMENTS – 9 NOVEMBER 2018

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 documents:

Chemical – [graphene flakes](#), [textured coatings for exterior walls](#)

Information Technology – [contactless e-Purse application](#)

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

Closing date for comments: **10 January 2019**.

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

B) Notification of New 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:

Chemical – [bunker loading at oil terminals](#)

Environment and Resources – [compressed air system energy efficiency](#)

Services – [RFID system for laundry management](#)

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

Closing date for comments: **10 December 2018**.

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Published Singapore Standards are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry's needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).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

Building and Construction – [concrete](#)

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

Closing date for comments: **10 December 2018**.

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 standards, please write to kay_chua@enterprisesg.gov.sg.

A) Notification of draft Singapore Standards for Publication

(I) Chemical

New

1. *Structural characterisation of graphene flakes

This standard provides a systematic and structured approach in the assessment and characterisation of graphene flakes. This standard consists of the following four parts.

Part 1: Methods and sample preparation

This standard provides an overview of graphene characterisation methods and procedures in sample preparation to improve the technology used to define properties.

It defines procedures for sample preparation from powders and suspensions for purposes of structural characterisation.

Part 2: Determination of lateral size of graphene flakes by optical microscopy (OM)

This standard specifies the principles and procedures for assessing the lateral size of graphene flakes using optical microscopy (OM). The use of this technique helps to evaluate lateral size, shape and size distribution of graphene flakes, based on the variation of relative intensity of reflected light from the sample.

Part 3: Determination of level of defects on graphene flakes by Raman spectroscopy

This standard specifies the principles and procedures to determine the level of defects of graphene flakes by Raman spectroscopy.

Part 4: Determination of number of layers in graphene flakes by atomic force microscopy (AFM)

This standard specifies the procedures and protocols to determine the thickness and number of layers of graphene flakes using atomic force microscopy (AFM).

Potential users of this series of standards include manufacturers, buyers, users and testing laboratories involved in the production and commercialisation of graphene, academia and institutes of higher learning in Singapore which have formed the nanotechnology research entities, relevant regulatory bodies and conformity assessment bodies.

Revision

2. *Specification for textured coatings for exterior walls (Revision of SS 502 : 2003)

This standard applies to textured coatings on concrete surfaces (including plastered brick and block walls) for exterior walls of buildings. It focuses on the performance requirements of the textured coatings system so that regardless of the nature of the individual coats, whether water-based or solvent-based, rigid or elastic, etc., the system shall comply with the requirements.

Users of the standard include testing laboratories, paint suppliers and manufacturers, associations of contractor, consultants and architects, and relevant government agencies.

(II) Information Technology

Amendment

3. Amendment No. 1 to Specification for contactless e-Purse application (CEPAS) (SS 518 : 2014)

This amendment contains new specifications for CEPAS 3.0, to support the changing payment landscape. The old CEPAS 1.0 specifications will be deleted from the standard.

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

Copies of drafts and standards are available at:

***For drafts (Viewing only)**

Login to Singapore Standards eShop at: www.singaporestandardseshop.sg

[Login ► Browse ► Product Categories ► Singapore Standards ► Drafts (Singapore Standards) ► Select draft]

For Singapore Standards and ISO Standards (Viewing only)

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)

For Singapore Standards (Viewing and purchase)

Toppan Leefung Pte Ltd
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Singapore 237994
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Email: singaporestandardseshop@toppanleefung.com

Operating Hours:

Mon to Fri: 9.30 am to 6.00 pm
Closed on Saturdays, Sundays and Public Holidays

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

B) Notification of New Work Item Proposals

B.1 Proposed New Work Items

(I) Chemical

1. Code of practice for bunker loading at oil terminals

The standard will cover bunker quantity measurement using mass flow meter (MFM) and bunker quality assurance requirements for oil terminal-to-bunker tanker interface.

For the quantity aspect, the metrological and system integrity requirements, MFM selection and installation requirements, MFM system approval requirements, metering procedures including documentation and dispute resolution procedures for bunker loading will be set out in the standard.

For the quality aspect, sampling procedures to collect representative samples at the custody transfer point during bunker loading from oil terminals will be defined in this standard.

This standard is applicable to oil terminals that carry out bunker loading using MFM to bunker tankers.

Potential users of this standard are oil storage terminals, cargo/oil owners, oil majors, bunker suppliers, bunker tanker owners/craft operators, bunker testing and bunker surveying companies, bunkering industry associations and institutions, equipment vendors and relevant government agencies and authorities.

(II) Environment and Resources

2. Long term measurement of compressed air system energy efficiency

This standard will specify requirements for instrumentation to capture relevant process parameters, their installation, commissioning, operational monitoring and maintenance in order to perform continuous, long term assessment of compressed air system energy efficiency.

Potential users of the standard include companies operating energy-intensive facilities, suppliers of compressed air systems, accredited energy services companies, testing bodies, academia, industry associations, professional bodies and relevant government agencies.

(III) Services

3. Technical Reference – Guidelines on RFID system for laundry management

This guideline aims to address labour shortages and reduce time spent in sorting and tracking specific details of linen/uniforms and lost inventory. It also ensures the interoperability for effective real-time inventory management and seamless information exchange across RFID readers and tag suppliers for laundry management. The scope will cover a set of standardised fields (such as ownership details, date of purchase, number of washes/dry cleaning/sterilisation), location of origin to maximise equipment operability and facilitate traceability of linens and uniforms for the hospitality industry.

Potential users of the standard include RFID related vendors and suppliers, hospitality industry players, such as hotels, F&B outlets, dormitories and hospitals using large quantities of linen/uniforms, and outsourced laundry companies.

B.2 Review of Singapore Standards

(I) Building and Construction

1. Concrete – Complementary Singapore Standard to SS EN 206

Part 1: Method of specifying and guidance for the specifier (SS 544 : Part 1 : 2014)

Part 2: Specification or constituent materials and concrete (SS 544 : Part 2 : 2014)

SS 544 provides Singapore national provisions where required or permitted by SS EN 206. It also covers materials, methods of testing and procedures that are outside the scope of SS EN 206, but within national experience.

It comprises two parts. Part 1 describes methods of specifying concrete and gives guidance for the specifier and Part 2 specifies constituent materials and concrete.

Users of the standard include consultants, contractors, developers, professional engineers, suppliers / manufacturers, tertiary institutions, testing bodies, accreditation bodies and relevant government agencies.

The review is intended to update the standard.

(II) Information Technology

2. Green data centres

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

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

SS 564 provides guidelines for organisations to establish the policies, systems and processes necessary to improve the energy efficiency of their data centres, and to lessen (reduce?) the impact on the environment.

It comprises two parts. Part 1 contains the requirements for a green data centre and Part 2 provides explanations and advice on how to implement the requirements in Part 1.

Users of the standard include data centre operators, consultants, vendors and certification bodies.

The review is intended to update the standard.

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 and 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](#).