Ref: PC-041013

SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 4 OCTOBER 2013

Singapore Standards are established based on an open system which is also in accordance with the World Trade Organisation requirements. SPRING Singapore is inviting public comments for the following drafts and Singapore Standards:

(I) Building & Construction

Confirmation

1. Testing concrete (SS 78)

The following parts of SS 78 have been confirmed for use in the transition to SS Eurocodes by 2015:

Part B4 : 1992 Recommendations for the use of electromagnetic overmeters
Part B6 : 1992 Recommendations for determination of strain in concrete
Part B7 : 1992 Recommendation for assessment of concrete strength by the near-to-surface tests
Part B9 : 1992 Recommendations for the measurement of dynamic modulus of elasticity

(II) Chemical

Outcome of review of SS 5

2. Methods of test for paints, varnishes and related materials (SS 5)

54 parts of SS 5 are being reviewed. This review is in progress and is targeted for completion in the second quarter of 2014. Potential users of SS 5 may include test laboratories, paint manufacturers, suppliers, contractors and related government agencies.

The review of 46 parts was completed and the outcome is as follows:

New: SS 5 Parts G7 and G8
Revision: SS 5 Parts A2, A3, B1, B2, B6, B7, B11, B12, B15, B16, D2, D5, H2, H3, H4, H5, H7
Confirmation with amendments: SS 5 Parts A1, A4, B5, B14, B13, C4, D1, D4, E1, E3, G6 and H1
Confirmation without amendments: SS 5 Parts B3, B4, B8, B9, B10, C2, C6, D3, F5 and G2,
Withdrawal: C1, C5, C7, G5 and H6

Below is the review outcome of another 8 parts of the SS 5 series:

(A) Revision

Part 0 : General introduction (Draft @$6.00 per copy)

This revision updates the summary listing of the SS 5 series.
Part F2 : Scratch test (Modified adoption of ISO 1518-1 : 2011) (Draft @$6.00 per copy)

This revision includes additional scratch stylus (B, C and D) which will provide users with wider options for testing.

Part F3 : Abrasion resistance (Taber abrader) (Modified adoption of ISO 7784-2 : 1997) (Draft @$6.00 per copy)


This standard is technically similar to ASTM D4060 except that the type of wheel is not specified in this standard. It is specified in the product specification, SS 221 – ‘Specification for road marking paint’.

(B) New

Part G9 : Artificial weathering and exposure to artificial radiation – Exposure to filtered xenon-arc radiation (Modified adoption of ISO 11341 : 2004) (Draft @$6.00 per copy)

This standard specifies a procedure for exposing paint coatings to artificial weathering in xenon-arc lamp apparatus, including the action of liquid water and water vapour.

Part G10 : Corrosion tests in artificial atmospheres – Salt spray tests (Modified adoption of ISO 9227 : 2012) (Draft @$6.00 per copy)

This standard specifies the method employed to evaluate the corrosivity of the test cabinet environment. It does not specify the dimensions of test specimens, the exposure period to be used for a particular product, or the interpretation of results.

(C) Withdrawal

Part G1 : 2003 Determination of resistance to continuous neutral salt spray

This standard is recommended for withdrawal as it was a modified adoption of ISO 7253 : 1996 which had been withdrawn in 2006 and replaced by ISO 9227 : 2012. This standard will be replaced by Part G10.

Part G3 : 2003 Colour fastness to light (Xenon arc)

Part G4 : 2003 Accelerated weathering (Xenon arc)

The above two standards are recommended for withdrawal as both standards were based on the same ISO standard (ISO 11341 : 1994). For completeness, the latest edition (ISO 11341 : 2004) will be adopted with modification by a single part of SS 5. Parts G3 and G4 will be replaced by Part G9.

3. Hazard communication for hazardous chemicals and dangerous goods (SS 586)

This Singapore Standard, comprising 3 parts, specifies standard hazard communication elements including labels and safety data sheets. It was reviewed and the outcome is given as follows:

(A) Revision

Part 1 : Transport and storage of dangerous goods (Draft @$6.00 per copy)

This revision includes an update on the requirements, Transport Emergency Information Panel (TEIP) and Storage Emergency Information Panel (SEIP).
Part 2: Globally harmonised system of classification and labelling of chemicals –
Singapore’s adaptations (Draft @$6.00 per copy)

This revision includes a new section on Singapore’s decision on the generic concentration
limits for some hazard classes. The sections on labelling requirements and training were also
revised.

(B) Confirmation with Amendment

Amendment No. 1 to Preparation of safety data sheets (SDS) (SS 586: Part 3: 2008)

This amendment includes an update to the GHS label elements in Section 2, cut-off
values/concentration limits for each health and environmental hazard class in Table 1 and
regulatory information in Section 15.

(Note: The draft amendment is available for download at: http://www.spring.gov.sg/public_comments)

Potential users of SS 586 may include chemical manufacturers, importers, suppliers, users,
supply chain service providers and related national competent authorities.

(III) Electrical

Amendment

4. Amendment No. 1 to Code of practice for installation, operation and maintenance of
electric passenger and goods lift (SS 550: 2009)

This amendment introduces a new clause on emergency power supply for lighting, ventilation
and alarm systems for all passenger lifts. The new clause covers UPS including specifying the
sizing requirements of the UPS. The amendment also includes an additional clause on
unintended car movement protection and removes home lifts from the scope of the standard.

(Note: The draft amendment is available for download at: http://www.spring.gov.sg/public_comments)

Withdrawal

5. Specification for battery operated emergency power supply for lighting, ventilation and
alarm bell of lifts (SS 209: 1996)

This standard is recommended for withdrawal and the relevant information has been
included in Subclause 12.3 of SS 550: 2009 as an amendment.

(IV) Food

Confirmation with Amendment

6. Amendment No. 1 to Specification for white pan bread (SS 253: 1981)

This amendment updates the listing of permissible additives to the recommended ingredients
of making white pan bread. The title is revised to ‘Specification for fresh white pan bread’ and
existing test methods have been revised to the current industry methods.

(Note: The draft amendment is available for download at: http://www.spring.gov.sg/public_comments)
Information Technology

Review

(NOTE: These standards are being reviewed to determine if they should be updated, confirmed or withdrawn if they no longer serve the industry’s needs – no new draft/version)


This standard classifies the construction cost information that is consistent and reliable across the building industry

8. Code of practice for construction computer-aided design (CAD) (SS CP 83)

SS CP 83, comprising the following parts, specifies the layer names, 2D graphical symbols, naming and drafting conventions, colour and line types for CAD files:

- Part 1: 2004 Organisation and naming of CAD layers
- Part 2: 2000 CAD symbols
- Part 3: 2001 Organising and naming of CAD files
- Part 4: 2001 CAD drafting conventions
- Part 5: 2001 Colour and linetype


This standard consists of a national amendment which highlights deviations from the CSI MasterFormat (1995 edition) for classifying information related to construction products, materials services and machinery.

10. Code of practice for construction electronic measurement standard (CEMS) (SS CP 97)

SS CP 97, comprising the following two parts, provides the uniform basis for measuring building, mechanical and electrical works for preparing bills of quantities:

- Part 1: 2002 Standards method of measurement (SMM) for building works
- Part 2: 2004 Standard method of measurement (SMM) for mechanical and electrical works


This standard defines the minimum documentation and information required during handing and taking-over of completed buildings.


This standard defines the master file template to support document management and workflow software to be used concurrently with an integrated and interoperable project planning control extranet system.


This TR provides a framework for which EBPP shared infrastructure applications should comply. It specifies the minimum requirements to allow for:

- a) Collaboration amongst EBPP-related applications for the provision of an efficient, low cost, and end-to-end service;
- b) Interoperability with other EBPP-related applications within the shared infrastructure;
- c) A rich common set of operating rules for participating services.
Copies of the drafts and standards are available at:

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Customer Service Hotline: (65) 6826 9691
Email: singaporestandardseshop@toppanleefung.com
Contact person: Mr Rahman Daud

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

The closing date for comments is **5 December 2013** for the establishment, amendment and withdrawal of Singapore Standards and **5 November 2013** for the review of Singapore Standards.

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Singapore 138628

*Note: Comments are to be submitted through [http://www.spring.gov.sg/public_comments](http://www.spring.gov.sg/public_comments).*

For more information on the standards, please contact Mrs Kay Chua, Senior Manager at Tel: (65) 6279 1804 or Email: kay_chua@spring.gov.sg.
Frequently asked questions about public comment on Singapore Standards:

1. **What is public comment?**

   Singapore Standards are established based on an open system which is also in accordance with the World Trade Organisation requirements. These documents are issued as part of a consultation process before any standards are introduced or reviewed. This important stage in the development of Singapore Standards is the Public Comment period. This mechanism helps industry, companies and other stakeholders be aware of forthcoming changes to Singapore Standards and provide 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 benefit me?**

   The benefits are:
   - It 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;
   - It 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 draft?**

   The drafts are available for free viewing at Toppan Leefung Pte Ltd and the National Library Board at the addresses given above. However, a nominal price of $6.00 per copy of the drafts is charged for copyright and administrative reasons for those who wish to purchase the drafts. National standards are knowledge documents developed by standards committees for the specific industry. The release of the draft for public comment is to allow other members of the industry affected to make the standard more suitable for their use. The charge for public comments on national standards is an international norm for national standards bodies and free distribution is not possible due to copyright reasons as national standards are an embodiment of knowledge. ISO/IEC sells the ISO/IEC draft standards at the full price similar to a published ISO/IEC standard.

4. **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 the National Library Board at the addresses given above. 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.

5. **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.

6. **Can I purchase drafts after the public comment period?**

   Drafts will not be available after the public comment period.

7. **How do I request for a new standard?**

   You can inform us of your standardisation needs by completing the Proposal Form at Standards & You.