SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 5 JULY 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 (i) draft Singapore Standards and (ii) review of the existing Singapore Standards:

(I) Building and Construction

New

1. Assessment of in-situ compressive strength in structures and precast concrete components – Complementary guidance to that given in SS EN 13791 (S$6.00 per copy)

This standard covers additional guidance to SS EN 13791, “Assessment of in-situ compressive strength in structures and precast concrete components” such as:

- planning an investigation;
- selection of test methods;
- selection and number of the test locations;
- assessment of individual core results within a group.

Those who may be interested in this standard include consultants, professional engineers, testing laboratories and government agencies.

Review

(NOTE: Review the existing standards to determine if they should be updated, confirmed or withdrawn if they no longer serve the industry's needs – no new draft/version)

2. Testing concrete (SS 78)

Part B4 : 1992 Recommendations for the use of electromagnetic covermeters
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

New

3. Specification for aluminium sulphate (Revision of SS 36: 1971) (S$6.00 per copy)

This standard provides specifications for aluminium sulphate used for water treatment and industrial purposes. This revision includes the addition of test methods for arsenic (As), manganese (Mn), cadmium (Cd), lead (Pb), mercury (Hg) and chromium (Cr).

Users of the standard include test laboratories, manufacturers, purchasers, suppliers and related government agencies.
Amendments and withdrawals
(NOTE: The draft amendments are available for download at:
http://www.spring.gov.sg/public_comments)

4. 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.

Of the 54 parts, the review of 36 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 and H7
Confirmation with amendments: SS 5 : Parts A1, A4, B5, B13, B14, D1, E1, E3, G6 and H1
Confirmation without amendments: SS 5 : Parts B3, B4, B8, B9, B10, D3 and G2

Another 7 parts have been reviewed:

(A) Confirmation with amendment


Amendment No. 1 to Part D4 : 1988 (2003) No pick-up time

No change was made to the main content of the standards. Amendments were made to the Foreword to update the reference standards used during the review.

(B) Withdrawal


The standard is proposed for withdrawal as rosin is no longer used in paints. Though rosin is being used in some varnishes, feedback from paint manufacturers shows that the varnishes were not required to test in accordance to this standard.


Paint manufacturers usually do not test for zinc chromate in pigments and this standard is not widely used by the industry. This standard is proposed for withdrawal as the industry can refer to an alternative standard, ASTM D444-88 (2008).


Feedback from paint manufacturers and test laboratories shows that there are currently no known users of the standard. As such, this standard is proposed for withdrawal.


Part H6 : 2003 Evaluating degree of bleeding of road marking paint

Parts G5 and H6 are proposed for withdrawal as they will be replaced by SS 5 : Part G8.

5. Amendment No. 1 to SS 221 : 2002 Specification for road marking paint

Reference made to SS 5 : Part G5 (which has been proposed for withdrawal) in this standard will be replaced with SS 5 : Part G8. The degree of bleeding will be based on visual rating instead of numerical rating.
6. **Terminology for waste management**

The standard will include terms and definitions that can be applied in regulatory reference (normative) and industry references (informative) for solid and toxic waste.

The objective is to provide a compilation of terms and definitions for use by licence holders, waste generators, waste collectors, facilities operators, waste industry and relevant government agencies.


This standard establishes the dimensional, mechanical and performance requirements of break mandrel blind rivets suitable for use in joining the component parts of an assembly.


This standard specifies the requirements for refuse bins (with or without lids) which are manufactured from thermoplastic materials and suitable for use for normal household and industrial refuse (except hot ashes), up to a maximum capacity of 250 litres.

9. **Specification for quantities and units (SS 478 series of standards)**

SS 478 comprises 14 parts which are identical adoption of the ISO 31 – “Quantities and units” series of standards.

SS 478 standardises the units and symbols for quantities and units (and mathematical symbols) used within the different fields of science and technology and where necessary, provide the definitions of these quantities and units.

This series of standards was used for reference by the Weights and Measures Office (SPRING) and the National Metrology Centre (A*STAR), the academia and the industry.

10. **SI units and recommendations for the use of their multiples and of certain other units (SS ISO 1000 : 1992)**

This standard provides guidance to the industry and other users in relation to metric usage. It describes the International System of Units, recommends selected decimal multiples and sub-multiples of SI units for general use and gives certain other units which may be used with the International System of Units.

The review of the SS 478 series and SS ISO 1000 will be carried out with the intent to withdraw the standards as users can refer directly to the current international standard, ISO/IEC 80000 – “Quantities and units”.
Copies of the drafts and standards are available at:

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<tr>
<td>Great World City East Tower</td>
<td>Level 7, 100 Victoria Street</td>
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Mon to Fri: 9.30am to 6.00pm  
Closed on Saturdays, Sundays and Public Holidays

The closing date for comments is 6 September 2013 for the establishment, amendment and withdrawal of Singapore Standards and 6 August 2013 for the review of Singapore Standards and the commencement of new work. The public can send their comments on-line through http://www.spring.gov.sg/public_comments to:

| Head Standards SPRING Singapore  
| 1 Fusionopolis Walk  
| #01-02 South Tower, Solaris  
| Singapore 138628 |

Note: Comments are to be submitted through http://www.spring.gov.sg/public_comments.

For more information on the standards, please contact Mrs Kay Chua, 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.