SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 6 SEPTEMBER 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

New

1. **Code of practice for long term, continuous and accurate measurement of central chilled water systems for high quality energy efficiency assessment** (Draft @6.00 per copy)

This standard specifies the requirements for sensors and instruments in capturing relevant process parameters, their installation, commissioning, operational monitoring and maintenance in order to perform continuous, long term measurement of central chilled water systems for high quality energy efficiency assessment.

The standard also:

a) specifies the appropriate uncertainty levels for continuous measurements for the proper efficiency rating of the equipment and plant;

b) specifies the parameters and performance metrics for continuous measurements;

c) specifies installation details such as redundant thermowells for easy comparison of sensor calibration and as-installed performance, interchangeability for delta-temperature checks; and

d) recommends the development of useful presentation formats for the data collected, to be used widely and on various platforms, including web-based platforms.

Potential users of the standard may include professional engineers, energy services companies, chiller manufacturers/suppliers, control and instrumentation systems suppliers as well as related government agencies.

(II) Chemical

Outcome of review

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.

The review of 38 parts was completed and the outcome is as follows:

New: SS 5 Parts G7 and G8
Revision: SS 5 Parts A2, A3, B1, B2, B7, B15, D5, H7, B11, B12, B16, H2, H3, H4, H5, B6 and D2
Confirmation with amendments: SS 5 Parts A1, A4, B13, D1, E1, E3, G6, H1, B5, B14
Confirmation without amendments: SS 5 Parts B4, G2, B8, B9, B10, B3, D3, C2, C6
Below is the outcome of another 3 parts of the SS 5 series:

(A) Revision

Part E2 : Determination of contrast ratio (opacity) of light-coloured paints at a fixed spreading rate (Revision of : 2003) (Modified adoption of ISO 6504-3 : 2006) (Draft @$6.00 per copy)

This revision includes two clauses on “Terms and definitions” and “Principle” to provide more information for users.

Part F1 : Bend test (cylindrical mandrel) (Modified adoption of ISO 1519 : 2011) (Draft @$6.00 per copy)

This revision includes an additional equipment (Type 2 Mandrel bending tester) which will provide users with wider options for testing.

(B) Confirmation with amendment


This amendment removes the reference made to SS 74 on test sieves as SS 74 had been withdrawn. The sieve numbers specified in Part F4 have also been deleted as they were based on those specified in SS 74.

Potential users of SS 5 may include test laboratories, paint manufacturers, suppliers, contractors and related government agencies.

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

New

3. Specification for sodium hydroxide solution (caustic soda), technical [Revision of SS 39: 1971 (1981)] (Draft @$6.00 per copy)

This standard specifies sodium hydroxide solution (caustic soda) intended for technical use.

The revision resulted in changes in the test methods.

Potential users of the standard may include test laboratories, manufacturers, purchasers and related government agencies.

Withdrawal


5. Specification for sodium silicates (SS 111 : 1974)

SS 110 and SS 111 are recommended for withdrawal as feedback from key stakeholders shows that there are currently no known users of the standards.

(III) Electrical

6. Specification for 13A fused connection units switched and unswitched (Revision of SS 403 : 1997) (Modified adoption of BS 1363 : Part 4 : 1995) (Draft @$6.00 per copy)

This standard specifies requirements for 13A fused fixed connection units for household, commercial and light industrial purposes, with particular reference to safety in normal use. The connection units are suitable for the connection of appliances, in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz. It also specifies requirements for connection units incorporating a fuselink complying with SS 167 – “General purpose fuse links for domestic and similar purposes (primarily for use in plugs)”.

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In this revision, Clause 8 on clearances, creepage distances and solid insulation has been expanded.

Potential users may include manufacturers, test houses, professional engineers, licensed electrical workers and consultants.

(IV) **General Engineering and Safety**

**Withdrawal**

7. **Specification for break mandrel blind rivets** (SS 326 : 1988)

This standard is recommended for withdrawal as it is no longer used by the industry.

Users can refer to the current relevant ISO or DIN Standards on break mandrel blind rivets.

8. **Specification for quantities and units** (SS 478 series of standards) (Identical adoption of the ISO 31)

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

The 478 series and SS ISO 1000 are recommended for withdrawal as feedback from the relevant industry and academia shows that there are currently no known users of the standards.

Users can refer directly to the current international standard, ISO/IEC 80000 – “ Quantities and units”.

(V) **Information Technology**

**Withdrawal**

10. **Specification for eLearning framework** (SS 496 series of standards)

11. **Specification for content exchange metadata standards for the education sector** (SS 526 : Parts 1 and 2)

SS 496 and SS 526 series of standards are recommended for withdrawal as the standards are obsolete. Users may wish to refer to the following websites for the updated industry specifications:

a) IMS Global Inc
   http://www.imsglobal.org/specifications.html
   Examples: Meta-data, content packaging, enterprise, competency definitions
b) AICC especially the CMI-5 – The next generation eLearning interoperability specification being developed to replace existing AICC & SCORM specifications
c) Dublin Core Metadata Initiative
   http://dublincore.org/metadata-basics/
d) eBook Publication Specification from the International Digital Publication Forum (IDPF)
   http://idpf.org/epub
e) SCORM 2004 4th Edition
f) SCORM 1.2
Review
(NOTE: Review the existing standard to determine if it should be updated, confirmed or withdrawn if they no longer serve the industry’s needs – no new draft/version)

12. Singapore Standard for information and communication technology disaster recovery services (SS 507 : 2008)

This standard describes the basic practices which information and communications technology disaster recovery (ICT DR) service providers, both in-house and outsourced, shall consider. It covers the requirements that service providers shall meet, recognising that individual organisations may have additional requirements that are specific to them.

This standard does not cover the additional specific requirements, e.g. special encryption software and secured operation procedures, equipment, knowledgeable personnel and application documentation, which if required, will have to be addressed and negotiated on a case-by-case basis in the agreements/contracts between organisations and their ICT DR service providers.

Copies of the drafts and standards are available at:

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Customer Service Hotline: (65) 6826 9691
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Operating Hours:
Mon to Fri: 9.30am to 6.00pm
Closed on Saturdays, Sundays and Public Holidays

Viewing hours:
Mon to Sun: 10 am to 8.30 pm.
Email ref@nlb.gov.sg to schedule an appointment to view the standards.

The closing date for comments is 7 November 2013 for the establishment, amendment and withdrawal of Singapore Standards and 7 October 2013 for the review of Singapore Standards.

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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](#).