SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 7 AUGUST 2015

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 and Construction**

Revision


   This standard gives recommendations on the removal or partial removal of deposits from the original surface or substrate of a building.

   It includes the principal cleaning methods in use and the characteristics of surface deposits. It is applicable to the cleaning of natural stones, clay brick, calcium silicate brick, glazed and unglazed terracotta/faience, and cast concrete and concrete products such as cast stone, concrete brick and concrete blockwork.

   Users of the standard may include building owners, architects, building surveyors, engineers, managing agents, Town Councils, contractors and academic institutions.


   This standard specifies the essential requirements for the safe and good practices in gas service work. It concerns the gas installation downstream of the gas service isolation valve (GSIV). It is applicable for the conveyance of town gas or natural gas of up to 50 kPa gauge.

   It covers design, materials, installation, testing, commissioning and maintenance of the gas installations and appliances. The code is applicable to new gas installations as well as addition and alteration to existing gas installations.

   Users of the standard may include owners/developers, architects, professional engineers, consultants, contractors, licensed gas service workers, relevant government agencies.

   *(NOTE: Instead of the prefix CP, the revised edition of CP 51 will carry the prefix 'SS', i.e. SS XXX : 2015, XXX representing the number that will be assigned when the standard is approved.)*

Withdrawal


   This standard is recommended for withdrawal as it is outdated. It will be replaced by SS EN 1997-1 : 2010 Eurocode 7 : Geotechnical design - Part 1 General rules and SS EN 1997-2 : 2010 Eurocode 7 : Geotechnical design - Part 2 Ground investigation and testing.
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(NOTE: Review the existing standards to determine if they should be updated, confirmed or withdrawn if they no longer serve the industry's needs – no new draft/version)

4. Eurocode 7: Geotechnical design

Singapore National Annex to SS EN 1997-1:2010

This standard is intended to be used as a general basis for the geotechnical aspects of the design of buildings and civil engineering works.

This National Annex gives:

(a) the Singapore decisions for the Nationally Determined Parameters described in the body of SS EN 1997-1:2010;
(b) the procedure to be used where alternative procedures are given in SS EN 1997-1:2010;
(c) the Singapore decisions on the status of SS EN 1997-1:2010 informative annexes; and
(d) references to non-contradictory complementary information.

Part 2: Ground investigation and testing (SS EN 1997-2:2010)
Singapore National Annex to SS EN 1997-2:2010

This standard specifies the requirements for the execution, interpretation and use of results of laboratory tests to assist in the geotechnical design of structures.

This National Annex contains all the information concerning the application of SS EN 1997-2:2010 in Singapore.

SS EN 1997 Parts 1 and 2 and their National Annexes will be reviewed with the intention to confirm them (with amendments if required).

Users of the standards and the national annexes may include civil/structural engineers, geotechnical specialists, academia and relevant government agencies.

(ii) Chemical

Revision

5. *Code of practice for the storage of flammable liquids* (Revision of SS 532:2007)

This standard sets out requirements and recommendations for the safe storage and handling of flammable liquids, as classified in the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), listed in the Chapter of Flammable Liquids. In addition, the standard also covers liquids of flash point up to 150 °C.

This standard does not apply to the following:

a) Shipboard installations;
b) Any storage that is mobile (fuel tanks and tankers, ISO tanks and tankers), except as defined for transit storage purpose;
c) Any plant or equipment in which liquid is processed, together with any vessels which form an integral part of the processing plant or equipment;
d) Bitumen and its mixtures prepared for road-making;
e) Flammable liquids stored in a tank exceeding 175 millibar above atmospheric pressure;
f) Liquified gases that are maintained in the liquid phase for storage by means of pressure or refrigeration;
g) Laboratories; and
h) Petrol service stations.
Users of the standard may include petrochemical plants, refineries, oil storage facilities, facilities processing or storing flammable and combustible liquids, associations/institutions of fire engineers, professional engineers and safety officers as well as related government agencies.

(III) **Electrical and Electronics**

**New work item**
(NOTE: No drafts available at this juncture)


This standard specifies the safety and interchangeability requirements, together with the test methods and conditions required to show compliance of LED-lamps with integrated means for stable operation (self-ballasted LED-lamps), intended for domestic and similar general lighting purposes, having:

- a rated wattage up to 60 W;
- a rated voltage of > 50 V up to 250 V.

Potential users of the standard may include test laboratories, manufacturers, purchasers, suppliers, professional engineers, consultants, contractors, licensed electrical workers, building owners and relevant government agencies.

(IV) **General Engineering and Safety**

**Withdrawal**

7. **Methods of test for flexible plastic packaging materials (SS 323)**

The SS 323 series of standards contains the following parts:

<table>
<thead>
<tr>
<th>Part</th>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 0</td>
<td>2013</td>
<td>General introduction</td>
</tr>
<tr>
<td>Part A2</td>
<td>1987 (2011)</td>
<td>Determination of density by the density-gradient technique</td>
</tr>
<tr>
<td>Part C1</td>
<td>2013</td>
<td>Standard test method for tensile properties of thin plastic sheeting</td>
</tr>
<tr>
<td>Part C5</td>
<td>2013</td>
<td>Standard test method for static and kinetic coefficients of friction of plastic film and sheeting</td>
</tr>
<tr>
<td>Part D1</td>
<td>1987 (2011)</td>
<td>Assessment of odour from packaging materials used for foodstuff</td>
</tr>
<tr>
<td>Part D4</td>
<td>1987 (2011)</td>
<td>Determination of resistance to grease and oil</td>
</tr>
<tr>
<td>Part D5</td>
<td>1987 (2011)</td>
<td>Determination of residual vinyl chloride monomer content in PPB range in vinyl chloride homo- and co-polymers by head-space gas chromatography</td>
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</tbody>
</table>
**Part E1: 1987 (2011)** Determination of water vapour transmission

**Part E2: 2013** Standard test method for determining gas permeability characteristics of plastic film and sheeting

**Part F1: 2013** Standard test method for seal strength of flexible barrier materials

**Part F2: 1987 (2011)** Determination of unrestrained linear thermal shrinkage

**Part G1: 1987 (2012)** Determination of printability

These standards are proposed for withdrawal as they are no longer used by the industry. Users can refer directly to the relevant international or overseas packaging specifications (e.g. ASTM, ISO or BS standards).

Copies of the drafts and standards are available at:

<table>
<thead>
<tr>
<th>For drafts (Viewing only)</th>
<th>For drafts and Singapore Standards (Viewing only)</th>
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<tr>
<td>Login to Singapore Standards eShop at: <a href="http://www.singaporestandardseshop.sg">http://www.singaporestandardseshop.sg</a></td>
<td>National Library Board</td>
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<tr>
<td><a href="http://www.singaporestandardseshop.sg">Login ▶ Browse ▶ Product Categories ▶ Singapore Standards ▶ Drafts (Singapore Standards) ▶ Select draft</a></td>
<td>Lee Kong Chian Reference Library</td>
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<td>For Singapore Standards (Viewing and purchase)</td>
<td>Level 7, 100 Victoria Street</td>
</tr>
<tr>
<td>Toppan Leefung Pte Ltd</td>
<td>Singapore 188064</td>
</tr>
<tr>
<td>1 Kim Seng Promenade #18-01</td>
<td>Viewing hours:</td>
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<tr>
<td>Great World City East Tower</td>
<td>Mon to Sun: 10 am to 8.30 pm.</td>
</tr>
<tr>
<td>Singapore 237994</td>
<td>Email <a href="mailto:ref@nlb.gov.sg">ref@nlb.gov.sg</a> to schedule an</td>
</tr>
<tr>
<td>Customer Service Hotline: (65) 6826 9691</td>
<td>appointment to view the standards.</td>
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<tr>
<td>Email: <a href="mailto:singaporestandardseshop@toppanleefung.com">singaporestandardseshop@toppanleefung.com</a></td>
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<tr>
<td>Contact person: Mr Rahman Daud</td>
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<td>Mon to Fri: 9.30am to 6.00pm</td>
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**NOTE**

1) The viewing period of the drafts will expire on the closing of the 2-month public comments. Drafts will no longer be available after this date.

2) The submission form for comments can be downloaded at [http://www.spring.gov.sg/public_comments](http://www.spring.gov.sg/public_comments)

The closing date for comments is **8 October 2015** for the revision and withdrawal of Singapore Standards and **8 September 2015** for the review of Singapore Standards and the new work item.

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 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,

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 a new standard?

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