SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 1 JULY 2016

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) *Biomedical

New

1. *Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients and products

Part 1: Definitions for ingredients (Identical adoption of ISO 16128-1:2016)

This standard provides guidelines on definitions for natural and organic cosmetic ingredients. In addition to natural and organic ingredients, other ingredient categories which may be necessary for natural and organic product development are defined with associated restrictions.

This standard does not address product communication (e.g. claims and labelling), human safety, environmental safety and socio-economic considerations (e.g. fair trade), and the characteristics of packaging materials or regulatory requirements applicable for cosmetics.

Potential users of the standard may include manufacturers and traders of cosmetic products.

2. *Good distribution practice for medical devices – Requirements

This standard specifies requirements for a quality system used by an organisation for the handling, storage, delivery, installation, servicing and secondary assembly, with respect to the medical devices they deal with.

This draft was released for public comment from 15 Jan 2016 to 16 Mar 2016. The Working Group for this standard has reviewed the comments and after further deliberation, amended the standard so that it will be closely aligned to HSA TS-01 GDPMDS.

An industry dialogue will be held on 15 July 2016 to update and gather the views from industry on the changes. For more information, please visit the Singapore Manufacturing Federation – Standards Development Organisation’s website (click here).

Potential users of this standard may include organisations involved in the distribution of medical devices and certification bodies for auditing the organisation’s ability to meet the requirements specified within in this standard.
(II) **Electrical and Electronic**

**New**

3. *Safety of power converters for use in photovoltaic (PV) power systems*

   **Part 1 : General requirements** (Identical adoption of IEC 62109-1:2010)

   This standard applies to the power conversion equipment (PCE) for use in photovoltaic systems where a uniform technical level with respect to safety is necessary. It defines the minimum requirements for the design and manufacture of PCE for protection against electric shock, energy, fire, mechanical and other hazards. It provides general requirements applicable to all types of PV PCE.

   **Part 2 : Particular requirements for inverters** (Identical adoption of IEC 62109-2:2011)

   This standard covers the particular safety requirements relevant to d.c. to a.c. inverter products as well as products that have or perform inverter functions in addition to other functions, where the inverter is intended for use in photovoltaic power systems. Inverters covered by this standard may be grid-interactive, stand-alone, or multiple-mode inverters, may be supplied by single or multiple photovoltaic modules grouped in various array configurations, and may be intended for use in conjunction with batteries or other forms of energy storage.

   **Revised**


   This standard specifies requirements for adaptors, including shaver adaptors, having insulated sleeves on the line and neutral plug pins and suitable for socket-outlets complying with SS 145, with particular reference to safety in normal use. Adaptors specified in this standard are intended for household, commercial and light industrial purposes. The adaptors are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc. in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz.

   This standard does not cover devices incorporating transformers, timers, thermostats, residual current protection or other control means.

   Potential users of the above standards (items 3 and 4) may include licenced electrical workers, test laboratories, manufacturers, suppliers, purchasers, professional engineers, consultants, contractors, building owners and relevant government agencies.

(III) **General Engineering and Safety**

**Revised**


   This standard covers the protection of persons from injury and illness and the protection of property (including equipment) from damage by fire and other causes arising from welding and cutting equipment, its installation, operation and maintenance.
This standard was released for public comment from 15 Jan 2016 to 16 Mar 2016. The Working Group for this standard has reviewed the comments and after further deliberation, removed the term “qualified person” and re-defined the term “competent person”. As a result, the standard was amended to reflect the roles and responsibilities of the competent person and the confined space safety assessor.

Potential users of the standard include manufacturers and suppliers, professional engineers, testing agencies, academia, industry associations and relevant government agencies.

(IV) **Silver Industry**

New

6. **Guidelines on user interface design for older adults**

This standard provides guidance on the principles of interface design that is senior-friendly to enhance the user experience of older adults. However, it is not intended for older adults with severe forms of impairments. Examples are provided in addressing the requirements.

Potential users of the standard include any organisations or individuals designing user interface for older adults.

(V) **Building and Construction**

Review

(NOTE: Review the existing standards to determine if they should be confirmed, updated or withdrawn if they no longer serve the industry’s needs – New drafts/versions are not available at this juncture)

7. **Eurocode 3 – Design of steel structures – Strength and stability of shell structures**


This standard gives basic design rules for plated steel structures that have the form of a shell revolution. It defines the characteristic and design values of the resistance of the structure and is concerned with the requirements for design against the ultimate limit states of plastic limit; cyclic plasticity; buckling and fatigue.

The standard will be reviewed with the intent to confirm it as there are no changes to the EN standard which Singapore has adopted.

Users may include consultants, contractors, developers, professional engineers, manufacturers, suppliers, testing/accreditation bodies, tertiary institutions and government agencies / regulatory bodies.
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>
</tr>
</thead>
<tbody>
<tr>
<td>Login to Singapore Standards eShop at: <a href="http://www.singaporestandardseshop.sg">http://www.singaporestandardseshop.sg</a> [Login ▶ Browse ▶ Product Categories ▶ Singapore Standards ▶ Drafts (Singapore Standards) ▶ Select draft]</td>
<td>National Library Board Lee Kong Chian Reference Library Level 7, 100 Victoria Street Singapore 188064</td>
</tr>
<tr>
<td>For Singapore Standards (Viewing and purchase) Toppan Leefung Pte Ltd 1 Kim Seng Promenade #18-01 Great World City East Tower Singapore 237994 Customer Service Hotline: (65) 6826 9691 Email: <a href="mailto:singaporestandardseshop@toppanleefung.com">singaporestandardseshop@toppanleefung.com</a> Contact person: Mr Rahman Daud</td>
<td>Viewing hours: Mon to Sun: 10 am to 8.30 pm. Email <a href="mailto:ref@nlb.gov.sg">ref@nlb.gov.sg</a> to schedule an appointment to view the standards.</td>
</tr>
<tr>
<td>Operating Hours: Mon to Fri: 9.30 am to 6.00 pm Closed on Saturdays, Sundays and Public Holidays</td>
<td></td>
</tr>
</tbody>
</table>

**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

The closing date for comments is 2 September 2016 for the establishment and revision of Singapore Standards and 2 August 2016 for the review of the Singapore Standard.

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 Apply for a Standard.