SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 20 AUGUST 2014

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


This code is intended to establish the minimum safety requirements for the system design, installation, testing and inspection, use and maintenance of working platforms suspended by wire ropes and capable of being raised and lowered by mechanical or manual operated winches and climbing devices.

The revision updates the safe use and design requirements for temporary suspended scaffolds and includes the permanently suspended scaffolds.

Users of the standard include suspended scaffolds manufacturers/ suppliers, professional engineers, developers, contractors and building/estate facilities managers.


This code lists the measures which can be adopted by those concerned in the development and execution of construction and demolition works to ensure that good practice in noise control is employed. These measures give due regard to safety, which is of paramount importance in construction as well as the demolition sites.

It includes information on estimation of noise from sites, methods of monitoring, prediction of construction noise levels, noise control techniques, and selection of quieter construction equipment and methods.

This revision includes the latest information on the methodology of noise monitoring and control.

Users of the standard include professional engineers, developers, contractors, consultants, building/estate facilities managers and relevant government agencies.

*(NOTE: CP 20 and CP 49 will carry the prefix ‘SS’ instead of ‘CP’, i.e. SS XXX : 2014, XXX representing the number that will be assigned when the standard is approved.)*

(II) Chemical

Revision


This code sets out the procedures and practices for safe management and handling of hazardous wastes generated from industrial, institutional and other work activities. It also sets out the requirements for collection, transportation, storage, treatment and disposal of hazardous wastes. This code makes reference to bio-hazardous and radioactive wastes and other specialised types of waste.

This revision includes updates on the technology and process of hazardous waste management.
Users of the standard include waste management companies, chemical manufacturers, purchasers, importers, suppliers as well as by relevant government agencies.

**Review**
(NOTE: Review the existing standards to determine if they should be updated, confirmed or withdrawn – no new drafts/versions at this juncture)

4. **Code of practice for the design, construction and operation of pipeline service corridors** (SS 512 : 2005)

This code sets down the engineering and management system requirements in the design, construction and operation of pipeline service corridors in Singapore. It is applicable only for new piperracks/pipetracks in existing pipeline service corridors or new pipeline service corridors.

**Management Systems (Energy and Environmental)**

**New**


This standard specifies the process requirements for carrying out an energy audit in relation to energy performance. It is applicable to all types of establishments and organisations, and all forms of energy and energy use.

It specifies the principles of carrying out energy audits, requirements for the common processes during energy audits, and deliverables for energy audits.

This standard does not address the requirements for selection and evaluation of the competence of bodies providing energy audit services, and it does not cover the auditing of an organisation’s energy management system, as these are described in the upcoming SS ISO 50003.

6. **“Energy management systems – Requirements for bodies providing audit and certification of energy management systems** (Identical adoption of the upcoming ISO 50003)

This standard specifies requirements for competence, consistency and impartiality in the auditing and certification of ISO 50001 energy management systems (EnMS) for bodies providing these services. In order to ensure the effectiveness of EnMS auditing, this standard addresses the auditing process, competence requirements for personnel involved in the certification process for energy management systems, the duration of audits and multi-site sampling. The requirements of ISO/IEC 17021 also apply to this standard.

7. **“Energy management systems — Guidance for the implementation, maintenance and improvement of an energy management system** (Identical adoption of the upcoming ISO 50004)

This standard provides practical guidance and examples for establishing, implementing, maintaining and improving an energy management system (EnMS) in accordance with the systematic approach of ISO 50001. The guidance in this standard is applicable to any organisation, regardless of its size, type, location or level of maturity. This standard does not provide guidance on how to develop an integrated management system. While the guidance in this standard is consistent with the ISO 50001 energy management system model, it is not intended to provide interpretations of the requirements of SS ISO 50001.
(Identical adoption of the upcoming ISO 50006)

This standard provides guidance to organisations on how to establish, use and maintain energy performance indicators (EnPIs) and energy baselines (EnBs) as part of the process of measuring energy performance. The guidance in this standard is applicable to any organisation, regardless of its size, type, location or level of maturity in the field of energy management.

(Identical adoption of the upcoming ISO 50015)

This standard establishes general principles and guidelines for the process of Measurement and Verification (M&V) of energy performance of an organisation or its components. This standard can be used independently or in conjunction with other standards or protocols and may be applied to all types of energy.

**Revision**

10. *Environmental management systems – Requirements with guidance for use*  
(Revision of SS ISO 14001: 2004)  
(Identical adoption of upcoming ISO 14001)

This standard specifies the requirements of an environmental management system for organisations seeking to establish, implement, maintain and continually improve a framework with the aim to manage its environmental responsibilities in a manner that contributes to the ‘environmental pillar’ of sustainability.

This standard is applicable to any organisation regardless of size, type and nature and applies to the environmental aspects that the organisation determines it can either control or can influence considering a life cycle perspective. It does not state specific environmental performance criteria, nor does it increase or change an organisation’s legal obligations.

This standard can be used in whole or in part to improve environmental management, but all the requirements are intended to be incorporated into an environmental management system and fulfilled, without exclusion, if an organisation claims it complies with this standard.

The revision of SS ISO 14001 is required to update the Singapore Standard to be in line with the International Standard.

**NOTE:**

i. Except for ISO 50002, the other management system standards above are currently based on the Draft International Standards (DIS or FDIS stage) but the final adoption will be based on the published ISO standards.

ii. Comments received for the DIS will be considered by the national committee responsible for the Singapore input to the ISO standards and where appropriate, taken on for international consideration during the final drafting phase.

**(IV)**  
*Silver Industry*

**New**

11. *Guide for wayfinding signage in public areas*

This guide describes wayfinding signing principles and elements for pedestrians, with specific consideration to requirements for the elderly. It is applicable to wayfinding signage in most indoor and outdoor public spaces. Practices described in this guide are generic references and can be adapted to fit specific conditions in each environment.
It is not applicable to the following:

a) Safety signs, including fire safety signs;
b) Emergency evacuation signs;
c) Signs for persons with disabilities;
d) Road and car park signs;
e) Areas subject to a regulation which may differ with regard to certain points of this guide.

The guide is relevant to signage consultants and designers. It is also applicable to wayfinding stakeholders in the planning and evaluation of signage implementation.

(V) **Electrical**

Review
(NOTE: Review the existing standards to determine if they should be updated, confirmed or withdrawn – no new drafts/versions at this juncture)


This standard specifies the requirements for residual current operated circuit-breakers which may be used to provide protection against fire hazards due to a persistent earth fault current, without the operation of the overcurrent protective device.


This standard specifies the requirements for residual current operated circuit-breakers with integral overcurrent protection which may be used to provide protection against indirect contact, the exposed conductive parts of the installation being connected to an appropriate earth electrode and to protect against overcurrents, the wiring installations of buildings and similar applications.

SS 97 : Part 1 and SS 480 : Part 1 are reviewed with the intention to align them with the latest IEC standards.

Users of the standards may include manufacturers and suppliers, professional engineers, consultants, testing laboratories, contractors and regulators.

(VI) **General Engineering**

Proposed new work item
(NOTE: No drafts available at this juncture)

14. **Mobile waste and recycling containers** (Identical adoption of EN 840 series of standards)

The review of SS 369 – “Specification for moulded thermoplastic refuse bins” resulted in the identical adoption of the following six parts of EN 840:

Part 1 Containers with 2 wheels with a capacity up to 400L for comb lifting devices. Dimensions and design.
Part 2 Containers with 4 wheels with a capacity up to 1300L with flat lid(s), for trunnion and/or comb lifting devices. Dimensions and design
Part 3 Containers with 4 wheels with a capacity up to 1300L with dome lid(s), for trunnion and/or comb lifting devices. Dimensions and design
Part 4  Containers with 4 wheels with a capacity up to 1700L with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices. Dimensions and design.
Part 5  Performance requirements and test methods
Part 6  Safety and health requirements

The standards specify the dimensions and design requirements.

Potential users of the standard may include manufacturers and suppliers, academic institutions, consultants, testing laboratories and relevant government agencies.

Copies of the drafts and standards are available at:

*For drafts (Viewing only)*

Login to Singapore Standards eShop at: [http://www.singaporestandardseshop.sg](http://www.singaporestandardseshop.sg)

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: 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

For drafts and Singapore Standards (Viewing only)
National Library Board
Lee Kong Chian Reference Library
Level 7, 100 Victoria Street
Singapore 188064

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

**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 **21 October 2014** for the new and revised Singapore Standards and **22 September 2014** for the review of Singapore Standards and commencement of the new work items.

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](#).