SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 10 FEBRUARY 2012

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.

Four drafts to be established as Singapore Standards:

1. **Specification for portable fire extinguishers** (Review of SS 232 series of standards) (Adoption of SS EN 3) (S$6.00 per copy)

   **SS EN 3-7 : Characteristics, performance requirements and test methods** (Modified adoption of EN 3-7 : 2004)

   This standard specifies the characteristics, performance requirements and test methods for portable fire extinguishers. Reference to the suitability of an extinguisher for use on gaseous fires (Class C fires), the manufacturers shall be required to provide evidence of suitability for the purpose to the relevant authority and the certification body before the listing process.

   Suitability of extinguishers for use on class D fires (fires involving flammable metals) is outside the scope of this standard in respect of test fires. However, extinguishers claiming class D suitability are covered in all other respects by the requirements in this standard for powder extinguishers.

   **SS EN 3-8 : Additional requirements to SS EN 3-7 for the construction, resistance to pressure and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar** (Identical adoption of EN 3-8 : 2006)

   This standard specifies the rules of design, type testing, fabrication and inspection control of portable fire extinguishers manufactured with metallic bodies as far as pressure risk is concerned.

   It applies to portable fire extinguishers of which the maximum allowable pressure $PS$ is lower than or equal to 30 bar and containing non-explosive, non-flammable, non-toxic and non-oxidising fluids. This standard also applies to the metallic gas cartridge of a volume less than 0.12 l and gives guidance for sound engineering practice for metallic gas cartridges equal to or greater than 0.12 l and less than 0.5 l.

   **SS EN 3-9 : Additional requirements to SS EN 3-7 for pressure resistance of CO₂ extinguishers** (Identical adoption of EN 3-9 : 2006)

   This standard specifies the rules of design, assembling, inspection and testing of CO₂ portable fire extinguishers as far as the pressure risk is concerned.

   **SS EN 3-10 : Provisions for evaluating the conformity of a portable fire extinguisher to SS EN 3-7** (Modified adoption of EN 3-10 : 2009)

   This standard specifies the minimum requirements for attesting the conformity of portable fire extinguishers to EN 3-7, as well as the requirements for the quality and production control of the fire extinguishers.
It specifies the documentation to be provided and the methods for type testing, factory assessment and controls during production.

Those who may be interested in the standards include fire safety professionals, safety officers, building management personnel, building and construction firms and suppliers, security providers, fire-fighting agencies, testing bodies, consultants, engineers and enforcement agencies.

Twelve Singapore Standards to be withdrawn:

2. Specification for electrical apparatus for explosive gas atmospheres (SS 254)
   - Part 0 : 2001 General requirements (Identical adoption of IEC 60079-0 : 2000)
   - Part 1 : 2001 Flameproof enclosures 'd' (Identical adoption of IEC 60079-1 : 2001)
   - Part 6 : 2003 Increased safety “e” (Identical adoption of IEC 60079-7 : 2001)
   - Part 10 : 2003 Classification of hazardous areas (Identical adoption of IEC 60079-10 : 2002)
   - Part 14 : 2005 Electrical installations in hazardous areas (other than mines) (Identical adoption of IEC 60079-14 : 2002)

The above standards on electrical apparatus of explosive gas atmospheres are proposed for withdrawal as users can refer directly to the latest relevant parts of IEC 60079.

3. Specification for identification cards – Integrated circuit(s) cards with contacts (SS 372)
   - Part 2 : Dimensions and location of the contacts (was numbered as SS ISO 7816-2:1988)
   - Part 4 : 1999 Interindustry commands for interchange

The SS 372 series of standards are proposed for withdrawal as users can refer directly to the relevant parts of ISO 7816.

4. Specification for debit and credit card applications on smart card (SS 484 : 2000)
   - SS 484 is no longer in use and therefore proposed to be withdrawn without any replacement.

Nine Singapore Standards and Technical Reference to be reviewed:

5. Specification for hydrochloric acid, technical (SS 8 : 2001)
   - This standard covers one grade of technical hydrochloric acid.

   - This standard specifies the requirements for liquefied petroleum gas for use as a fuel for domestic, commercial and industrial purposes.
7. **Specification for hazard communication for hazardous chemicals and dangerous goods** (SS 586)

**Part 1 : 2008 – Transport and storage of dangerous goods**

This standard adopts the United Nations Recommendations on the Transport of Dangerous Goods, an international system for the classification of dangerous goods. It also specifies standard hazard communication labels.

This standard applies to the storage and transportation of dangerous goods by road in Singapore. The transportation of dangerous goods by sea and air is not covered in this standard.

**Part 2 : 2008 Globally harmonised system of classification and labelling of chemicals – Singapore’s adaptions**

This standard adopts the United Nations Globally Harmonised System (GHS) of Classification and Labelling of Chemicals, an international system for the classification of chemicals. It also specifies standard hazard communication elements including labels and safety data sheets.

The GHS helps to ensure that information on physical, health and environmental hazards from chemicals is made available to enhance the protection of human health and the environment during the handling, transport and use of these chemicals.

**Part 3 : 2008 Preparation for safety data sheets (SDS)**

This standard gives recommendations for the preparation of SDS so that users of chemicals can make use of the information in the SDS to prevent exposure to chemicals in the workplace and community.

This standard does not cover the use of pharmaceutical substances and preparations by medical physicians and veterinarians but applies to the production and use of these substances and preparations in an industrial process.

8. **Specification for lamp controlgear** (SS 490)


This standard specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V and/or a.c. supplies up to 1000 V at 50 Hz or 60 Hz. Tests dealt with in this standard are type tests.


This part specifies particular requirements for d.c. supplied electronic ballasts intended for operation from transient and surge-free power sources, operated directly from batteries without charging equipment.


This part specifies particular requirements for d.c. supplied electronic ballasts for maintained and non-maintained emergency lighting purposes. It includes specific requirements for ballasts and control units for luminaires for emergency lighting as specified in SS 263 : Part 2.

It is proposed to initiate the review of these standards to align their requirements to the latest applicable parts of the IEC 61347 series of standards. Users of SS 490 include testing laboratories.
9. **Technical Reference on maturity assessment for eSupply chain management (eSCM)**

(TR 9 : 2003)

This TR has been reviewed and is proposed to be withdrawn due to the industry's fast and wide adoption of information technology in enhancing their eSupply chain processes. Users can also refer directly to the newer globally accepted standards on supply chain such as the Supply Chain Operations Reference (SCOR) model, which is applicable across different industry sectors and organisation sizes.

Copies of the drafts and standards are available for reference/sale at:

Toppan Leefung Pte Ltd  
1 Kim Seng Promenade #18-01  
Great World City East Tower  
Singapore 237994

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Operating Hours:  
Mon to Fri: 9.30am to 6.00pm  
Closed on Saturdays, Sundays and Public Holidays

The closing date for comments is **11 April 2012** for the establishment and withdrawal of Singapore Standards and **12 March 2012** for the review of Singapore Standards. The public can send their comments on-line through [http://www.spring.gov.sg/public_comments](http://www.spring.gov.sg/public_comments) to:

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

*Note: With effect from January 2010, we accept comments only in electronic formats on-line through [http://www.spring.gov.sg/public_comments](http://www.spring.gov.sg/public_comments) or by email to kay_chua@spring.gov.sg (attachments in the email, if any, are to be in revisable electronic formats to enable ease of use by the secretariat).*

For more information on the standards, please contact Mrs Kay Chua, Manager (Standards Division) 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 at the address 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 at the address 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 found at:

8. How do I get updates of Singapore Standards or standardisation activities?

   We provide a free email alert service, "Update Me". You can register at:
   http://www.standards.org.sg/Forms/UpdateMe.cfm

For more information on the national standardisation programme, please visit the Standards Website at: