

Ref: PC-060112

**SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 6 JANUARY 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.

***Two drafts to be established as Singapore Standards:***

**1. Singapore National Annex to Eurocode 1 : Actions on structures – Part 2 : Traffic loads on bridges** (S\$6.00 per copy)

The draft Singapore National Annex (NA) is essential to guide local adoption of the EN 1991-2.

EN 1991-2 defines models of traffic loads for the design of road bridges, footbridges and railway bridges. For the design of new bridges, EN 1991 is intended to be used for direct application, together with the SS Eurocode series.

Users of the standard include professional engineers, architects, qualified persons, consultants, clients, academia and regulatory authorities.

**2. Code of practice for formwork** (Revision of CP 23 : 2000) (S\$6.00 per copy)

The recommendations of this code apply to the design, erection, use, alteration and dismantling of formwork structure for any reinforced concrete works.

Users of the standard include professional engineers, qualified persons, contractors, site supervisors, formwork specialists/suppliers, academia and regulatory authorities.

*(Note: CP 23 will carry the prefix 'SS' instead of 'CP', i.e. SS XXX : 2012, XXX representing the number that will be assigned when the standard is approved.)*

***One draft amendment to be incorporated in the Singapore Standard:***

**3. Amendment No. 2 to Specification for fire doors** (SS 332 : 2007)

In this amendment, the type of doorset to be tested in a fire situation in terms of single or double leaf and an additional note to the limitation to size reduction are included.

*(Note: The draft amendments are available for download at:  
[http://www.spring.gov.sg/public\\_comments](http://www.spring.gov.sg/public_comments))*

***Eleven Singapore Standards to be withdrawn:***

The following Singapore Standards were earlier released for public comment to gather feedback on their review and no comments were received. The standards are now proposed for withdrawal and the reasons are given below.

**4. Specification for bitumen based primers for cold or hot application** (SS 82 : 1972)

**5. Specification for hot applied bitumen based coatings for protection against corrosion (SS 83 : 1972)**

SS 82 : 1972 and SS 83 : 1972 are not specified by the relevant government agencies consulted (HDB, LTA, BCA). Consultation with industry has shown that ASTM methods are preferred. In addition, hot application for bitumen based coatings is rarely used in the industry due to safety reasons. Since there are no known users of the above standards, it is proposed to withdraw them.

**6. Specification for bitumen for road construction (SS 84 : 1972)**

**7. Specification for bitumen emulsion for road construction (SS 85 : 1990)**

**8. Methods of sampling and testing bitumens (SS 86 : 1988)**

Major stakeholders (LTA and HDB) and bitumen suppliers were consulted when reviewing SS 84, SS 85 and SS 86. They currently use ASTM test methods. LTA confirmed that although SS 85 and SS 86 are referred to in LTA's Materials & Workmanship Specification and Code of Practice for Works on Public Streets, ASTM standards are offered as alternatives and are invariably used by industry.

**9. Specification for solvent based paint remover (SS 91 : 1995) (Identical adoption of BS 3761 : 1986)**

**10. Specification for iron oxide pigments for paints (SS ISO 1248 : 1974)**

SS 91 and SS ISO 1248 are proposed for withdrawal as the standards which they adopt have been withdrawn. Users can refer directly to the current British or ISO standards.

**11. Specification for industrial nitrogen (SS 129 : 1975)**

**12. Specification for industrial argon (SS 151 : 1976)**

**13. Specification for industrial oxygen (SS 153 : 1976)**

SS 129, SS 151 and SS 153 are proposed for withdrawal after consultation with the public and the standards are no longer relevant to the industry given the changes in technology and that specifications are now customer driven.

Users can make direct reference to BS 4366: 1993 – “Industrial nitrogen” and BS 4364: 1993 – “Industrial oxygen”. For SS 151, the industry is currently using industry specifications and there will be no replacement of this standard.

**14. Specification for toothpaste (SS 244 : 1980)**

HSA, the regulator of cosmetics products which includes toothpaste, was consulted and they are currently referring to alternative standards. SS 244 : 1980 makes reference to BS 5136 : 1974 – “Toothpaste” which has been withdrawn and replaced by BS EN ISO 11609 : 2010 – “Dentistry – Requirements, test methods and marking”. SS 244 is proposed for withdrawal and the industry can make direct reference to BS EN ISO 11609 : 2010.

***Nine Singapore Standards to be reviewed:***

The following Singapore Standards (items 15 to 18) on pipes and fittings will be reviewed with the intention to update them:

**15. Specification for unplasticised PVC pipe for cold water service and industrial uses (SS 141 : 1976)**

This standard applies to unplasticised polyvinyl chloride pipe up to and including 575 mm nominal size, for use in cold water services and industrial purposes.

**16. Specification for steel pipes, fittings and specials for water, gas and sewage (SS 142 : 1976)**

This standard applies to seamless and welded carbon steel pipes, fittings and specials and to joints in respect of the pipe end preparation in sizes 60.3 mm (2 3/8 in) to 2134 mm (84 in) outside diameter for the conveyance of water, gas and sewage. It includes mill applied coatings and external and internal protections against the corrosive action of the surrounding media or conveyed fluid.

**17. Specification for joints and fittings for use with unplasticized PVC pressure pipes (SS 174 : 1977)**

This standard applies to injection moulded pipe fittings made from unplasticised polyvinyl chloride, for solvent welding to unplasticised polyvinyl chloride pressure pipes conforming to the dimensions of Table 1 of SS 141.

Fittings complying with this standard are suitable for potable water supplies and may also be used for industrial purposes.

**18. Specification for unplasticised PVC pipes below ground for drainlines and sewers (SS 272 : 1983)**

This standard specifies the requirements for unplasticised polyvinyl chloride (uPVC) pipes and fittings, and accessories for drainlines and sewers carrying sewage and/or waste water for use below ground.

The review of the following standards (items 19 to 23) will be carried out with the intention of confirming them:

**19. Specification for draw-off taps and stopvalves for water services (screw-down pattern) – Part 2: Draw-off taps and above-ground stopvalves (SS 75 : Part 2 : 1978)**

This standard specifies requirements for screwdown pattern draw-off taps and stopvalves of  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$  and 2 in nominal sizes. Pillar taps are not specified in  $\frac{1}{4}$  in and  $\frac{3}{8}$  in nominal sizes. The following patterns of taps and stopvalves are within the scope of this standard:

- a) bib taps and pillar taps;
- b) above-ground stopvalves with end connections;
- c) combination tap assemblies either of the single or double outlet type;
- d) any type of bib, pillar, or globe tap or stopvalve.

Taps and stopvalves may be of the `easy-clean` or non `easy-clean` pattern.

Outlets of taps and stopvalves may either be plain or threaded. Sink columns are also included in this standard.

**20. Specification for safety glazing materials for use in buildings (human impact considerations) (SS 341 : 2001)**

This standard sets out performance requirements and test methods for safety glazing materials for use in buildings in areas where human impact is likely. The materials specified are glazing panels designed to promote safety and to reduce or minimise the likelihood of cutting and piercing injuries from human impact. This includes clear, tinted and patterned safety glazing materials, and opaque glazing materials used as spandrel panels in locations subject to human impact. Glazing materials such as sealants and beads and added precautions that may be necessary to combat fire hazards are not covered.

**21. Code of practice for foundations (CP 4 : 2003)**

This Code provides recommendations for the design and construction of foundations for the normal range of buildings and engineering structures. It serves as a guideline for achieving a technically sound, safe, and economical solution in the design and construction of these foundations.

**22. Specification for outlet units for master and community television antenna system (SS 255 : 1981)**

This standard define the features relating to the safety and performance of outlet unit for use with master and community television antenna systems.

**23. Code of practice for the installation of master antennae television systems for the reception of VHF and UHF sound television broadcasting transmission operating between 5 Mhz and 824 Mhz (CP 39 : 1994)**

This standard covers recommendations for the erection, cabling, performance and safety requirements of the Master Antennae Television Systems (MATV) for the reception of VHF and UHF sound and television broadcast transmission operating between 5 Mhz and 824 Mhz.

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

Customer Service Hotline: (65) 6826 9691  
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Contact person: Mr Rahman Daud

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

The closing date for comments is **7 March 2012** for the establishment, amendment and withdrawal of Singapore Standards and **7 February 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](mailto: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, Senior Administrative Executive at Tel: (65) 6279 1804, Email: [kay\\_chua@spring.gov.sg](mailto:kay_chua@spring.gov.sg) or Fax: (65) 6659 0639.

## 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: [http://www.standards.org.sg/files/invitation\\_to\\_new\\_standards.htm](http://www.standards.org.sg/files/invitation_to_new_standards.htm)

### 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: <http://www.standards.org.sg/index.cfm>.