SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS – 14 JULY 2017

Under the National Standardisation Programme, public comment is an important stage of standards development where members of the public are invited to provide feedback on draft Singapore Standards for publications and work item proposals for development and review of Singapore Standards and Technical References. The establishment of Singapore Standards are done in accordance with the World Trade Organisation’s requirements for the development of national standards.

A) Notification of Draft Singapore Standards for Publications

Members of the public are invited to comment on the following documents:

(I) Building and Construction – metal roofing system

(II) Conformity Assessment / Food Safety Management Systems – certification scheme for services, audit and certification of food safety management systems

(III) Electrical and Electronic – electric passenger and goods lifts

(IV) Quality and Safety – quality management, risk management

For more information on viewing the documents, click here.

Closing date for comments: 15 September 2017.

To provide comments, please write to: kay_chua@spring.gov.sg.

B) Notification of Work Item Proposals

B.1 Proposal for New Work Items

New Work Items (NWIs) are approved proposals to develop new Singapore Standards or Technical References (pre-standards).

Members of the public are invited to comment on the scope of the new standards and contents that can be included into the following proposals:

Environment and Resources – environmental labels and declarations, environmental management (life cycle assessment, water footprint), greenhouse gases

The NWIs are work in progress and the drafts are not available at this juncture.

Closing date for comments: 15 August 2017.

Members of the public are invited to join as standards partners, resource members or co-opted members subject to the approval of relevant committees and working groups.

To comment or to join in the development of standards, please write to: standards@spring.gov.sg.
B.2 **Proposal for the Review of Singapore Standards (SS)**

Published Singapore Standards are reviewed to determine if they should be updated, confirmed or withdrawn (if they no longer serve the industry’s needs) or classified as mature standards (no foreseeable changes; to be reviewed only upon request).

Members of the public are invited to comment on the scope and contents of the following standards to be reviewed.

   Chemical – aluminium paint, aluminium wood primer

The reviews are work in progress and new versions/drafts are not available at this juncture. Users can refer to the current SS to provide feedback. For more information on viewing and purchase of current SS, click here.

Closing date for comments: **15 August 2017**.

Members of the public are invited to join as standards partners, resource members or co-opted members subject to the approval of relevant committees and working groups.

To provide comments or to join in the development of standards, please write to: kay_chua@spring.gov.sg.

A) **Notification of draft Singapore Standards**

   **(l) Building and Construction**

   **New**


   This standard resulted from the review of SS 370 “Specification for metal roofing” and CP 89 “Code of practice for metal roofing”.

   It specifies minimum performance requirements for unpainted and pre-painted metal products intended to be fabricated for use in the building industry in exterior applications such as roofing, wall cladding, soffits and awnings. It covers the use of galvanised, zinc/aluminium, pre-painted profile in steel and aluminium. It is intended to be read in conjunction with manufacturer’s technical product literature.

   This standard also provides recommendations to the specifier and end user on the design, performance, installation, transportation and handling of metal roofing materials.

   Potential users of the standard may include architects, professional engineers, consultants, contractors, developers, testing/accreditation bodies and relevant regulatory/government agencies.

   **Withdrawal**

   2. **Specification for metal roofing** (SS 370 : 1994)

   3. **Code of practice for metal roofing** (CP 89 : 2001)

   These two standards are recommended for withdrawal as they will be replaced by the new “Specification for metal roofing system” (see item 1 above).

This standard provides guidelines and principles of service certification schemes.

**NOTE 1** In the context of this document, the assessment of a management system as part of service certification does not constitute the certification of the management system.

**NOTE 2** This document is not intended to limit in any way the decisions of scheme owners when developing and operating their own schemes.

Potential users of this standard are scheme owners, certification bodies, providers of certified services and the customers for the certified services and entities that rely on certification. Other stakeholders include, but are not limited to regulatory authorities, specifiers, and purchasers of certified services, conformity assessment bodies involved in the service certification process, accreditation bodies and peer assessment groups and organisations that facilitate the recognition of certification status from one scheme owner to another.

5. *Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems* (Identical adoption of ISO/TS 22003:2013)

This standard defines the rules applicable for the audit and certification of a food safety management system (FSMS) complying with the requirements given in ISO 22000 (or other sets of specified FSMS requirements). It also provides the necessary information and confidence to customers about the way certification of their suppliers has been granted.

Certification of FSMS is a third-party conformity assessment activity, and bodies performing this activity are third-party conformity assessment bodies.

Potential users of this standard are certification bodies. Singapore Accreditation Council is also expected to use it to accredit the certification bodies.


This Amendment is made to adjust lifts' operation during the fire fighters’ service operation to keep in line with the current firefighting process which has changed due to the more efficient use of manpower.


This standard provides guidance to managers at all levels to enhance an organisation’s ability to achieve sustained success. This guidance is consistent with the quality management principles given in ISO 9000:2015.

This standard includes a self-assessment tool for reviewing the extent to which the organisation has adopted the concepts in this document.

This standard is applicable to any organisation, regardless of its size, type and activity.
Users of the standard include government bodies, regulators, professional engineers, academic institutions, labour organisations, consultants, testing laboratories and contractors.

NOTE:

i. This standard is currently based on the Draft International Standards (DIS) but the final adoption will be based on the published ISO standard.

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. As the ISO ballot for ISO/DIS 9004 closes on 8 August 2017, comments to be considered for submission to ISO should reach us by 4 August 2017.


This standard provides adaptable guidelines on managing risk faced by organisations.

It can be used by any organisation, provides a common approach to managing any type of risk and is not specific to any industry or sector.

This standard can be used throughout the life of the organisation and applied to any activity, including decision making at all levels.

Users of the standard include public and private sectors, community enterprises, association and consultants.

NOTE – This standard is currently based on the Draft International Standards (DIS) but the final adoption will be based on the published ISO standard.

Copies of drafts and standards are available at:

*For drafts (Viewing only)
Login to Singapore Standards eShop at: http://www.singaporestandardseshop.sg
[Login ► Browse ► Product Categories ► Singapore Standards ► Drafts (Singapore Standards) ► Select draft]

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: 9.30 am to 6.00 pm
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 – 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.
**Environment and Resources**

1. **Environmental labels and declarations – General principles** *(Identical adoption of ISO 14020:2000)*

   This standard establishes guiding principles for the development and use of environmental labels and declarations. It is intended that other applicable standards in the ISO 14020 series be used in conjunction with this standard. This standard is not intended for use as a specification for certification and registration purposes.

2. **Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling)** *(Identical adoption of ISO 14021:2016)*

   This standard specifies requirements for self-declared environmental claims, including statements, symbols and graphics, regarding products. It further describes selected terms commonly used in environmental claims and gives qualifications for their use. This standard also describes a general evaluation and verification methodology for self-declared environmental claims and specific evaluation and verification methods for the selected claims in this standard.

3. **Environmental labels and declarations – Type III environmental declarations – Principles and procedures** *(Identical adoption of ISO 14025:2006)*

   This standard establishes the principles and specifies the procedures for developing Type III environmental declaration programmes and Type III environmental declarations. It specifically establishes the use of the ISO 14040 series of standards in the development of Type III environmental declaration programmes and Type III environmental declarations.

   Type III environmental declarations as described in this standard are primarily intended for use in business-to-business communication, but their use in business-to-consumer communication under certain conditions is not precluded.

   This standard does not include sector-specific provisions, which may be dealt with in other ISO documents. It is intended that sector-specific provisions in other ISO documents related to Type III environmental declarations be based on and use the principles and procedures of this standard.


   This standard describes the principles and framework for life cycle assessment (LCA) including:
   
   - the goal and scope definition of the LCA;
   - the life cycle inventory analysis (LCI) phase;
   - the life cycle impact assessment (LCIA) phase;
   - the life cycle interpretation phase;
   - reporting and critical review of the LCA;
   - limitations of the LCA;
   - relationship between the LCA phases; and
   - conditions for use of value choices and optional elements.

   This standard covers life cycle assessment (LCA) studies and life cycle inventory (LCI) studies. It does not describe the LCA technique in detail, nor does it specify methodologies for the individual phases of the LCA.

   The intended application of LCA or LCI results is considered during the goal and scope definition, but the application itself is outside the scope of this standard.
This standard is not intended for contractual or regulatory purposes or registration and certification.

5. **Environmental management – Water footprint – Principles, requirements and guidelines**  
   (Identical adoption of ISO 14046:2014)

This standard specifies principles, requirements and guidelines related to water footprint assessment of products, processes and organisations based on life cycle assessment (LCA).

This standard provides principles, requirements and guidelines for conducting and reporting a water footprint assessment as a stand-alone assessment, or as part of a more comprehensive environmental assessment.

Only air and soil emissions that impact water quality are included in the assessment, and not all air and soil emissions are included.

The result of a water footprint assessment is a single value or a profile of impact indicator results.

Whereas reporting is within the scope of this standard, communication of water footprint results, for example in the form of labels or declarations, is outside the scope of this standard.

6. **Environmental management – Life cycle assessment – Illustrative examples on how to apply ISO 14044 to impact assessment situations**  
   (Identical adoption of ISO/TR 14047:2012)

The purpose of this Technical Reference (TR) is to provide examples to illustrate current practice of life cycle impact assessment according to ISO 14044:2006. These examples are only a sample of all possible examples that could satisfy the provisions of ISO 14044. They offer "a way" or "ways" rather than the "unique way" of applying ISO 14044. They reflect the key elements of the life cycle impact assessment (LCIA) phase of the LCA. The examples presented in this TR are not exclusive and other examples exist to illustrate the methodological issues described.

7. **Environmental management – Life cycle assessment – Illustrative examples on how to apply ISO 14044 to goal and scope definition and inventory analysis**  
   (Identical adoption of ISO/TR 14049:2012)

This Technical Reference provides examples about practices in carrying out a life cycle inventory analysis (LCI) as a means of satisfying certain provisions of ISO 14044:2006. These examples are only a sample of the possible cases satisfying the provisions of ISO 14044. They offer "a way" or "ways" rather than the "unique way" for the application of ISO 14044. These examples reflect only portions of a complete LCI study.

8. **Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition**  
   (Identical adoption of ISO 14065:2013)

This standard specifies principles and requirements for bodies that undertake validation or verification of greenhouse gas (GHG) assertions.

It is GHG programme neutral. If a GHG programme is applicable, the requirements of that GHG programme are additional to the requirements of this standard.

   (Identical adoption of ISO/TS 14071:2014)

This Technical Reference provides additional specifications to ISO 14040:2006 and ISO 14044:2006. It provides requirements and guidelines for conducting a critical review of any type of LCA study and the competencies required for the review.
It also provides:

- details of a critical review process, including clarification with regard to ISO 14044:2006;
- guidelines to deliver the required critical review process, linked to the goal of the life cycle assessment (LCA) and its intended use;
- content and deliverables of the critical review process;
- guidelines to improve the consistency, transparency, efficiency and credibility of the critical review process;
- required competencies for the reviewer(s) (internal, external and panel member);
- required competencies to be represented by the panel as a whole.

It does not cover the applications of LCA (as illustrated in ISO 14040:2006, Figure 1).


This Technical Reference (TR) provides additional requirements and guidelines for an effective application of ISO 14040 and ISO 14044 to organisations.

It details:

- the application of Life Cycle Assessment (LCA) principles and methodology to organisations;
- the benefits that LCA can bring to organisations by using LCA methodology at organisational level;
- the system boundary;
- specific considerations when dealing with LCI, LCIA, and interpretation; and
- the limitations regarding reporting, environmental declarations, and comparative assertions.

This TR applies to any organisation that has interest in applying LCA. It is not intended for the interpretation of ISO 14001 and specifically covers the goals of ISO 14040 and ISO 14044.


This document provides illustrative examples of how to apply ISO 14046, in order to assess the water footprint of products, processes and organisations based on life cycle assessment.

The examples are presented to demonstrate particular aspects of the application of ISO 14046 and therefore do not present all of the details of an entire water footprint study report as required by ISO 14046.

NOTE The examples are presented as different ways of applying ISO 14046 and do not preclude alternative ways of calculating the water footprint, provided they are in accordance with ISO 14046.

Potential users of the above environment standards may include certification bodies, inspection bodies, professional bodies, associations and government agencies.

Copies of the drafts are not available at this juncture.
B.2 Review of Singapore Standards

Chemical


This standard applies to a ready-for-use air drying aluminium finishing paint suitable for both interior and exterior use.


This standard applies to a ready-for-use paint suitable as the primer on wood surfaces with good sealing properties.

The intention of the review is to classify these two standards as mature standards as there are no foreseeable changes in the standards. Hence, they will not be reviewed until a request is put forth to do so.

Users of the standards include paint manufacturers, materials suppliers, test laboratories, contractors, applicators, architectural associations, consultants, facilities/property managers, land surveyors and related government agencies.
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?**

   This mechanism:
   - 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;
   - 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](#).