FIRE SAFETY AND SHELTER DEPARTMENT
SINGAPORE CIVIL DEFENCE FORCE

FIRE SAFETY GUIDELINES

FSG 1:2013

CERTIFICATION OF
REGULATED FIRE SAFETY PRODUCTS & MATERIALS
(REVISED PROCEDURES)

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Fire Safety Consultation Branch
Fire Safety & Shelter Department

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(REVISED PROCEDURES)

1. SCOPE

The Fire Safety Guidelines cover the following:

1.1. Accreditation requirements for Certification Bodies (CBs) which offer services in Singapore,

1.2. List of fire safety products/materials regulated by SCDF,

1.3. Compliance standards for regulated fire safety products/materials.

2. ACCREDITATION REQUIREMENTS

2.1. All CBs which offer services in Singapore to certify regulated fire safety products/materials shall be accredited by Singapore Accreditation Council (SAC). The accreditation requirements shall be in accordance with ISO/IEC Guide 65 (General requirements for bodies operating Product Certification Systems) and IAF Guidance to ISO/IEC Guide 65.

2.2. All overseas CBs shall have their local offices and representatives in Singapore to follow up on queries/complaints and monitor the products/materials certified by them.

2.3. CBs which participate in the product listing scheme (PLS) shall inform SCDF officially of its intention and submit to SCDF its Certificate of Accreditation and Schedule issued by SAC for record. In addition, SCDF may request for additional information or impose other requirements on the CBs.

3. CERTIFICATION REQUIREMENTS AND SURVEILLANCE REGIME

The list of regulated fire safety products/materials and their required surveillance regime are given in **Annex A**. Certification of these regulated fire safety products/materials shall be based on the following certification systems:

3.1. ISO Type 2 Certification System

ISO Type 2 certification system consists of type testing of a sample and market surveillance. Market surveillance is conducted and samples of the product from the market are assessed for ongoing conformity. Item 30 to item 36 of the list of regulated fire safety products/materials given in **Annex A** shall be certified under Type 2 Certification System.

3.2. ISO Type 5 Certification System

ISO Type 5 certification system consists of testing and assessment of the quality system involved. Surveillance of the quality system is conducted and samples of the product from either the market or at the point of production, or both, are assessed for ongoing conformity. All items except items 30 to 36 of the list of regulated fire safety products/materials given in **Annex A** could be certified under the Type 5 Certification System.

3.3. ISO Type 7 Certification System

ISO Type 7 certification system consists of type testing of a sample of a production and subsequent batch inspection. All items except items 30 to 36 of the list of regulated fire safety products/materials given in **Annex A** could also be certified under the Type 7 Certification System.

4. ASSESSMENT OF MODIFICATION TO CERTIFIED FIRE SAFETY PRODUCTS/MATERIALS

The fire safety products/materials shall be installed in the manner as the tested prototype described in the test report. Any modifications or deviations to the tested prototype shall be supported by a report prepared by a testing laboratory that is accredited by SAC or recognised by SCDF.

5. PROVISION OF MINIMUM INFORMATION OF CERTIFIED AND FAILURE PRODUCTS BY CBS

CBs shall provide the minimum information as specified in **Annex B** in their directory for certified products and products that fail the certification. The availability of such information shall constitute as part of the audit requirements of SAC.

6. APPLICANTS OF FIRE SAFETY PRODUCTS SEEKING MULTIPLE CERTIFICATIONS FROM CERTIFICATION BODIES

6.1. An applicant who seeks certification of their fire safety products with a CB shall declare the status of certification he had with the previous CB.

6.2. If the applicant had previously sought certification with a CB but failed in its certification attempt, he is required to submit the latest audit report and surveillance test results prepared by the previous CB to the new CB for their information and highlight any improvement made to the product to be certified by the new CB.

6.3. However, if the applicant declares that he has yet to seek certification with any CB, it shall be incumbent upon the CB that is approached by the applicant to confirm the status from the directory of certified and failure products maintained by the other CBs.

6.4. If the CB subsequently finds out that the applicant had earlier approached a CB but failed in its certification attempt, the CB shall require the applicant to (i) submit the latest audit report and surveillance test results prepared by the previous CB and (ii) highlight any improvement made to the product. If the applicant fails do so, the CB shall reject the applicant's application for certification of his product.

6.5. Compliance of the procedures by the CBs shall constitute as part of the audit requirements of SAC.

7. VALIDITY PERIODS OF TEST REPORTS FOR FIRE SAFETY PRODUCTS

7.1. Test report validity period shall be 5 years for products listed under the PLS under Class 1A (Discrete system), Class 1B & Class 2. Products under Class 1A (Discrete system) and Class 1B are issued with product labels which can be displayed on the products.

7.2. Test report validity period shall be 10 years for products listed under the PLS under Class 1A (Non-discrete system). Products under Class 1A (Non-discrete system) are issued with declaration of compliance (DOC) certificates to suppliers when they have declared compliance of conformity at the site.

ANNEX A
LIST OF REGULATED FIRE SAFETY PRODUCTS & MATERIALS

ANNEX B
PROVISION OF MINIMUM INFORMATION OF CERTIFIED AND FAILURE PRODUCTS BY CERTIFICATION BODIES