SINGAPORE CIVIL DEFENCE FORCE

Date : 10 May 2019 **Our Ref:** CD/FSSD/12/02/03/01

Registrar, Board of Architects
Registrar, Professional Engineers Board
President, Singapore Institute of Architects
President, Institution of Engineers, Singapore
President, Association of Consulting Engineers,

Singapore

Dear Sir/Mdm

AMENDMENTS TO FIRE CODE 2018

Arising from feedback received from the building industry on recent revisions made to Fire Code 2018 edition, which came into effect on 1 March 2019, the Fire Code Review Committee has deliberated the issues and agreed to amend the current Fire Code by incorporating the revisions shown in Annex A of this circular.

2. Any proposed plans of fire safety works for new buildings or existing buildings that are submitted to SCDF for approval on or after 10 May 2019 shall be subjected to the amendments made to the Fire Code.

3. Unless otherwise stated, Qualified Persons will have to comply with the revisions stated in the circular with immediate effect. For revisions that take effect from 9 Nov 2019, Qualified Persons may choose to comply with the requirements at any time within this grace period (i.e. from the date of this circular to 9 Nov 2019).

4. Please convey the contents of this circular to members of your Board/ Institution/ Association. This circular is also available in CORENET's e-Info: http://www.corenet.gov.sg/einfo.

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5. Please contact Mr Randy Tan at DID: 68481461 or Mr Tan Yi Yang at DID: 68481734 for any query.

Yours faithfully

(transmitted via email)

MAJ Tan Chung Yee
Fire Safety & Shelter Department
for Commissioner
Singapore Civil Defence Force

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SCDF Fire Safety Standing Committee
Fire Code Review Committee

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Clause No	Amendment Date	Effective Date	Clause Status	Clause Before & After Amendment
1.1.4	10 May 2019	Immediate	Reinstatement of past requirements	Fire Safety Report and Fire Safety Instruction Manual (Appendix 1 & 2) Fire Safety Report and/or Fire Safety Instruction Manual for building projects/fire safety provisions specified by SCDF shall be submitted when making building plan submission.
1.4.74	21 Aug 2018	1 Mar 2019	Current	Nursing home, convalescent home, home for the aged & hospice These refer to a building, or part thereof, used for the housing and nursing care of persons on a 24hr basis who, because of mental or physical incapacity, may be unable to care for their own needs and safety without assistance of other persons.
	10 May 2019	Immediate	Clarification	Nursing home, convalescent home, home for the aged & hospice These refer to a building, or part thereof, used for the housing and nursing care of persons on a 24hr basis who, because of ~~mental or~~ physical incapacity, may be unable to care for their own needs and safety without assistance of other persons.
2.2.13b.(7)(a)	21 Aug 2018	1 Mar 2019	Current	Permanent fixed ventilation openings which are located in the external wall of the lobby and have a total area of not less than 15% of the floor area of the lobby. Each opening shall not be less than $1m^2$ and shall abut an external space or air

				well, having a minimum clear area of 93m^2 and minimum width of 6m and without obstruction vertically throughout the airspace for ventilation. No part of the lobby floor area shall be more than 9m away from the air well or external space.
	10 May 2019	Immediate	Clarification	Permanent fixed ventilation openings which are located in the external wall of the lobby and have a total area of not less than 15% of the floor area of the lobby. Each opening shall not be less than 1m^2 and shall abut an external space or air well, each having a minimum clear area of 93m^2 and minimum width of 6m and without obstruction vertically throughout the airspace for ventilation. No part of the lobby floor area shall be more than 9m away from the air well or external space.
2.3.3d.(7)	21 Aug 2018	1 Mar 2019	Current	All exit staircases shall be ventilated by fixed openings in the external walls, such openings being of area not less than 10% of the floor area per floor of the staircase, or mechanically ventilated to comply with the requirements in Chapter 7. Ventilation openings fronting an air well, external recessed space or external shall be in accordance with *Table 1.4.2*. An exit staircase and occupancy area shall not share the same air well or void for lighting and ventilation. Mechanical ventilation is not allowed for PG II, except for a staircase storey shelter.
	10 May 2019	Immediate	Clarification	All exit staircases shall be ventilated by fixed openings in the external walls, such openings being of area not less than 10% of the floor area per floor of the staircase, or mechanically ventilated to comply with the requirements in Chapter 7. Ventilation openings fronting an air well, external recessed space or external shall be in accordance with *Table 1.4.2*. ~~An exit staircase and occupancy area shall not share the same air well or void for lighting and~~

				~~ventilation.~~ Mechanical ventilation is not allowed for PG II, except for a staircase storey shelter.
2.3.3d.(8)	21 Aug 2018	1 Mar 2019	Current	Pressurisation In any building for which the habitable height exceeds 24m, any internal exit staircases without provision for natural ventilation shall be pressurised to comply with the requirements in Chapter 7. In a building comprising more than four basement storeys, the exit staircase connecting to the fire lift lobby shall be pressurised.
	10 May 2019	Immediate	Clarification	Pressurisation In any building, except PG II buildings, for which the habitable height exceeds 24m, any internal exit staircases without provision for natural ventilation shall be pressurised to comply with the requirements in Chapter 7. In a building comprising more than four basement storeys, the exit staircase connecting to the fire lift lobby shall be pressurised.
2.3.9h.(2)(e)(ii)	21 Aug 2018	1 Mar 2019	Current	Manual override A manual override mechanism (a device to trigger the immediate opening of sliding doors/roller shutters) shall be provided. The doors shall open and remain open upon activation of this device. This device shall be housed in a break glass box located beside the sliding doors or roller shutters and fixed at a height of 1.4m above the finished floor level. It shall be easily accessible, conspicuous and be free from obstructions. A readily discernible sign with the lettering “EMERGENCY DOOR RELEASE” shall be permanently displayed beside the switch. The letterings shall be of at least 15mm in height.

	10 May 2019	Immediate	Change in requirements	Manual override A manual override mechanism (a device to trigger the immediate opening of sliding doors/roller shutters) shall be provided. The doors shall open and remain open upon activation of this device. This device shall be housed in a break glass box located beside the sliding doors or roller shutters and fixed at a height of ~~1.4m~~ 1.2m above the finished floor level. It shall be easily accessible, conspicuous and be free from obstructions. A readily discernible sign with the lettering "EMERGENCY DOOR RELEASE" shall be permanently displayed beside the switch. The letterings shall be of at least 15mm in height.
2.3.10b.	21 Aug 2018	1 Mar 2019	Current	where the external corridor is roofed over, the depth of the roofed over portion shall not exceed 3m;
	10 May 2019	Immediate	Clarification	where the external corridor is roofed over, the depth of the covered area/portion shall not exceed 3m;
2.3.10f.	21 Aug 2018	1 Mar 2019	Current	the length of external corridor with unobstructed and uninterrupted openings above the parapet wall shall not be less than 6m and shall abut an external space.
	10 May 2019	Immediate	Clarification	the length of unobstructed and uninterrupted openings above the parapet wall of the external corridor shall not be less than 6m and shall abut an external space.

3.5.7b.(5)	21 Aug 2018	1 Mar 2019	Current	canopies over private enclosed spaces or balconies in PG II buildings, provided that the canopy is constructed of non-combustible material.
	10 May 2019	Immediate	Change in requirements	canopies of depth not exceeding 2m over private enclosed spaces or balconies in PG II buildings, provided that the canopy is constructed of non-combustible material.
3.6.1b.	21 Aug 2018	1 Mar 2019	Current	*Cl.3.6.1a.(1)* need not be applied to wall between car porches of buildings under PG I. For terrace-houses, this exception shall not apply if the unprotected opening of the car porch fails to comply with the setback distance requirements from the other lot boundary.
	10 May 2019	Immediate	Change in requirements	*Cl.3.6.1a.(1)* need not be applied to wall between car porches of PG I buildings or wall between canopies over private enclosed spaces located on the grade level of PG II buildings. This exception shall not apply if the unprotected opening of the car porches/canopies fail to comply with the setback distance requirements from the other lot boundary.
3.9.3c.(1)	21 Aug 2018	1 Mar 2019	Current	The following conditions shall be complied with for penetration of pipes stipulated under *Cl.3.9.3b.*: (1) For non-sprinkler-protected area, pipe supports within 3m from the pipe penetration shall be strengthened such that the tensile stress generated on the supports shall not exceed 10N/mm^2 and will not be softened or fracture when exposed to temperature of 800ºC. For sprinkler-protected area, the pipe supports and pipe penetrations shall be protected by the sprinkler system;

	10 May 2019	Immediate	Change in requirements	The following conditions shall be complied with for penetration of pipes stipulated under *Cl.3.9.3b.*: (1) For non-sprinkler-protected area, pipe supports within 3m from the pipe penetration shall be strengthened such that the tensile stress generated on the supports shall not exceed 10N/mm^2 and will not be softened or fracture when exposed to temperature of ~~800ºC~~ 750°C. For sprinkler-protected area, the pipe supports and pipe penetrations shall be protected by the sprinkler system;
3.11.8a.	21 Aug 2018	1 Mar 2019	Current	The supporting structure shall be constructed of non-combustible materials having a melting point of at least 800°C.
	10 May 2019	Immediate	Change in requirements	The supporting structure shall be constructed of non-combustible materials having a melting point of at least ~~800°C~~ 750°C.
3.13.3d.	21 Aug 2018	1 Mar 2019	Current	Class 3 - Surface of medium flame spread. This refers to surfaces on which during the first 1½ mins of test, the spread of flame does not exceed 265mm and during the first 10 mins of test is not more than 710mm under the relevant test conditions.
	10 May 2019	Immediate	Change in requirements	Class 3 - Surface of medium flame spread. This refers to surfaces on which during the first 1½ mins of test, the spread of flame does not exceed 265mm and ~~during the first 10 mins of test is not more than~~ the final spread of flame does not exceed 710mm under the relevant test conditions.
4.2.2a.(3)(b)	21 Aug 2018	1 Mar 2019	Current	A fire engine accessway shall be provided to access at least one façade of each block and shall be located at a distance of at least 2m and at most 10m away from the façade of the building.

	10 May 2019	Immediate	Clarification	A fire engine accessway shall be provided to access at least one entire façade of each block and shall be located at a distance of at least 2m and at most 10m away from the façade of the building.
4.2.2i.(3)	21 Aug 2018	1 Mar 2019	Current	A sign post with white background and red wording of not less than 50mm in height shall be provided at the start and end of a fire engine accessway/fire engine access road. The height measured from the ground to the lowest point of the sign shall be between 1m and 1.5m. The sign post shall be visible at night and shall not be positioned more than 3m from the fire engine accessway/fire engine access road. Every part of the fire engine accessway/fire engine access road shall not be more than 15m from the nearest sign post. See *Diagram 4.2.2i.(3)*.
	10 May 2019	Immediate	Change in requirements	A sign post with white background and red wording of not less than 50mm in height shall be provided at the start and end of a fire engine accessway/fire engine access road. The height measured from the ground to the lowest point of the sign shall be between ~~1m~~ 2m and ~~1.5m~~ 2.2m. The sign post shall be visible at night and shall not be positioned more than 3m from the fire engine accessway/fire engine access road. Every part of the fire engine accessway/fire engine access road shall not be more than 15m from the nearest sign post. See *Diagram 4.2.2i.(3)*.
6.3.1a.(1)	21 Aug 2018	1 Mar 2019	Current	Every building or part of a building, except that of PG I or II (residential floors), having a total floor area of more than that specified in column (3) of *Table 6.3A* having regard to the purpose group of the building or part of the building, shall be installed with a fire alarm system, either of the automatic or manual type as indicated in column (4), which shall be an electrically supervised system complying with the requirements of the SS CP 10. The fire alarm system shall be connected to the SCDF's Operations Centre through an approved alarm monitoring company if required under *Cl.6.3.7*.

	10 May 2019	Immediate	Clarification	Every building or part of a building, except that of PG I or II (residential floors), having a total floor area of more than that specified in column (3) of *Table 6.3A* having regard to the purpose group of the building or part of the building, shall be installed with a fire alarm system, either of the automatic or manual type as indicated in column (4), which shall be an electrically supervised system complying with the requirements of the SS CP 10. The fire alarm system shall be connected to the SCDF's Operations Centre through an approved alarm monitoring company if required under ~~*Cl.6.3.7*~~ *Cl.6.3.8*.
6.3.1b.(3)	21 Aug 2018	1 Mar 2019	Current	Connection of the fire alarm system to an approved alarm monitoring company stipulated under *Cl.6.3.7* is not required if the number of non-residential floors is not more than one storey.
	10 May 2019	Immediate	Clarification	Connection of the fire alarm system to an approved alarm monitoring company stipulated under ~~*Cl.6.3.7*~~ *Cl.6.3.8* is not required if the number of non-residential floors is not more than one storey.
6.3.5b.	21 Aug 2018	1 Mar 2019	Current	b. Audio alarm The fire alarm sounder shall have a sound that is readily distinguishable from any other alarm system.
	10 May 2019	Immediate	Change in requirements	b. Audio alarm The fire alarm sounder shall have a sound that is readily distinguishable from any other alarm systems. In places of entertainment or areas where sound and/or special effects lighting systems are installed, the sound systems shall be electronically interlocked with the fire alarm system to enable these systems to be automatically cut-off when the fire alarm system is activated.

6.3.5c.	29 Mar 2019	1 Mar 2019	Current	c. Visual alarms (1) Provision (a) Visual alarms shall be provided for buildings protected by fire alarm systems, and shall not be used in place of audible alarms. (b) Visual alarms shall also be provided in places where persons can be isolated. This is to account for persons with severe hearing impairment, especially when they are not in their identified locations. Such isolated spaces includes full-height enclosed washroom spaces, car park floors, lift lobbies, etc.. (c) In dance clubs, gaming centres, places of entertainment or areas where sound and/or special effects lighting systems are installed, they shall be electronically synchronised with the fire alarm system to enable these systems to be automatically cut-off when the fire alarm system is activated. (2) Siting of visual alarms Visual alarms shall be located together with manual alarm call points. Where they are not readily visible from all accessible locations, additional visual alarms shall be provided. The height of the visual alarms shall be between 2m to 2.5m above finished floor level.

	10 May 2019	Immediate	Change in requirements	c. Visual alarms (1) Visual alarms shall not be used in place of audible alarms and shall be provided: (a) for buildings protected by fire alarm systems; (b) ~~Visual alarms shall also be provided in places where persons can be isolated. This is to account for persons with severe hearing impairment, especially when they are not in their identified locations. Such isolated spaces includes full-height enclosed washroom spaces, car park floors, lift lobbies, etc..~~ in places, such as full-height enclosed washroom spaces, car park floors, lift lobbies, etc., where persons with hearing impairment can be isolated, especially when they are not in their identified locations; and (c) in places of entertainment e.g. dance halls, gaming outlets, internet games cafes, arcades where users use headgear that affects hearing, or areas where sound and/or special effects lighting systems are installed. (2) Visual alarms shall be located together with ~~manual alarm call points~~ fire alarm sounders. Where they are not readily visible from ~~all accessible locations~~ areas accessible to persons with hearing impairment who may be in isolation, additional visual alarms shall be provided. The height of the visual alarms shall be between 2m to ~~2.5m~~ 3m above finished floor level.
	21 Aug 2018	1 Mar 2019	Current	f. Total flooding fire extinguishing system (1) Manual release control (2) Abort switch (3) Breathing apparatus cabinet/enclosure

6.7.1f. - 6.7.1i.				g. Emergency Voice Communication System Handset/cabinet/enclosure h. Fire extinguisher Housing cabinet/enclosure (Note: Alternatively, red graphic signage or red wordings “Fire Extinguisher” of minimum size 20mm shall be provided.) i. Electromechanical locking system (for exit and exit access door) Emergency door release
	10 May 2019	Immediate	Change in requirements	f. Total flooding fire extinguishing system ~~(1) Manual release control~~ ~~(2) Abort switch~~ ~~(3) Breathing apparatus cabinet/enclosure~~ g. Emergency Voice Communication System Handset/cabinet/enclosure h. Fire extinguisher Housing cabinet/enclosure (Note: Alternatively, red graphic signage or red wordings “Fire Extinguisher” of minimum size 20mm shall be provided.)

				~~i. Electromechanical locking system (for exit and exit access door)~~ ~~Emergency door release~~
7.4.1a.(3)(a)	21 Aug 2018	1 Mar 2019	Current	Where the basement or a portion of the basement is used as a car park, the car park shall comply with the requirements of *Cl.7.4.5*, provided it is compartmented from the rest of the basement.
	10 May 2019	Immediate	Clarification	Where the basement or a portion of the basement is used as a car park, the car park shall comply with the requirements of ~~*Cl.7.4.5*~~ *Cl.7.4.3*, provided it is compartmented from the rest of the basement.
7.4.5v.	21 Aug 2018	1 Mar 2019	Current	All smoke control equipment (including smoke curtains) shall be supplied and installed in accordance with BS 7346 or equivalent.
	10 May 2019	9 Nov 2019	New requirements	All smoke control equipment (including smoke curtains) shall be supplied and installed in accordance with ~~BS 7346~~ BS EN 12101-1, BS EN 12101-3 and BS 7346 Pt 7 or equivalent.
8.2.4c.(2)	21-Aug-18	1 Mar 2019	Current	In the case of a site consisting of more than one building which required FCC in accordance with *Cl.8.2.3*, each building shall be provided with its own FCC.
	10 May 2019	Immediate	Change in requirements	In the case of a site consisting of more than one building which required FCC in accordance with *Cl.8.2.1*, there shall be more than one FCC. For such cases, the SCDF shall be consulted.

9.3.2b.(4)	21 Aug 2018	1 Mar 2019	Current	Every upper storey used for the accommodation of patients shall be provided with at least one area of refuge. The size of the area of refuge shall be computed based on *Table 1.4B*. For hospital and nursing home, the area of refuge shall be sized adequately to accommodate the number of beds computed based on occupant load factor of 2.8m^2/person for the ward served by the area of refuge. The area of refuge shall be able to accommodate a bed size of minimum dimension 2.55m (length) by 1.1m (width).
	10 May 2019	Immediate	Clarification	Every upper storey used for the accommodation of patients shall be provided with at least one area of refuge. The size of the area of refuge shall be computed based on *Table 1.4B*. For hospital and nursing home, the area of refuge shall be sized adequately to accommodate the number of beds of minimum dimension 2.55m (length) by 1.1m (width) and computed based on occupant load factor of 2.8m^2/person for the ward served by the area of refuge. ~~The area of refuge shall be able to accommodate a bed size of minimum dimension 2.55m (length) by 1.1m (width).~~
9.3.2d.(2) - (3)	21 Aug 2018	1 Mar 2019	Current	(2) where such facilities are located on the 1st storey, they shall be provided with direct access to the exterior of the building; (3) where located on upper storeys, they shall be sited adjacent to an exit staircase with have direct access through a smoke-stop lobby to the exit staircase (minimum one exit staircase);
	10 May 2019	Immediate	Change in requirements	(2) where such facilities are located on the grade level, they shall be provided with direct access to the exterior of the building; (3) where not located on grade level, they shall ~~be sited adjacent to an exit staircase with~~ have direct access to an exit staircase or to a smoke-stop lobby that is connected to an exit staircase (minimum one exit staircase);

9.7.4b.(4)(c)(vi)	10 May 2019	Immediate	Clarification	The surface flame spread of the canopy/awning shall be at least Class 2.
Diagram 9.7.4b.(4)(d)	10 May 2019	Immediate	Change in requirements	Annotation for ORAs with canopy/awning projection greater than 2m but not exceeding 3m. Class 2 material to be amended to Class 1 material.
TABLE 1.2A	10 May 2019	9 Nov 2019	New requirements	NFPA 502 – Standard for Road Tunnels, Bridges, and Other Limited Access Highways BS 7346 Pt 2 will be replaced by BS EN 12101 - 3 BS 7346 Pt 3 will be replaced by BS EN 12101- 1
TABLE 1.3A	10 May 2019	Immediate	Clarification	BSL – Bio Safety level PLS – Product Listing Scheme VIFDS – Video Image Fire Detection System
Appendix 1	10 May 2019	Immediate	Reinstatement of past requirements & Clarification	Formerly Chapter 9 of Fire Code 2013 with minor revisions and editions
Appendix 2	10 May 2019	Immediate	Reinstatement of past requirements & Clarification	Collation of administrative instructions/requirements formerly reside in various chapters/appendices of Fire Code 2013 with minor revision and editions

11.1	21 Aug 2018	1 Mar 2019	Current	GENERAL This Chapter provides a list of building materials and equipment, also known as fire safety products and materials, regulated by the SCDF. It includes the acceptable test standards, product certification schemes and surveillance regime for these products and materials, which are the technical requirements of the Product Listing Scheme.
	10 May 2019	Immediate	Clarification	GENERAL This Chapter provides a list of building materials and equipment, also known as regulated fire safety products and materials (refer to *Table 11A*), which includes the acceptable test standards, product certification schemes and surveillance regime for these products and materials under the Product Listing Scheme. The requirements for certification of these regulated fire safety products and materials are also specified in this Chapter.
11.2.4	21 Aug 2018	1 Mar 2019	Current	Mutual Recognition Arrangement (MRA) Mutual Recognition Arrangement (MRA) refers to the global network of conformity assessment bodies recognising each other's test report.
	10 May 2019	Immediate	Clarification	Mutual Recognition Arrangement (MRA) "Mutual Recognition Arrangement" refers to the arrangements signed between Singapore Accreditation Council (SAC) and other international accreditation bodies, to mutually recognise reports and certificates issued by an accredited Conformity Assessment Body (CAB) as equivalent to their own standards.

11.2.5	21 Aug 2018	1 Mar 2019	Current	Scheme Type 1b (Scheme 1b) Scheme Type 1b refers to the Scheme Type 1b specified in ISO/IEC 17067. It consists of type testing of a sample of a production and subsequent batch inspection. Regulated fire safety products certified under Scheme Type 1b are issued with product labels which are also displayed on the products.
	10 May 2019	Immediate	Clarification	Scheme Type 1b (Scheme 1b) "Scheme Type 1b" refers to Scheme Type 1b specified in ISO/IEC 17067. It consists of type testing of a sample of a production. Every subsequent batch shall also be tested. ~~Regulated fire safety products certified under Scheme Type 1b are issued with product labels which are also displayed on the products.~~
11.2.6	21 Aug 2018	1 Mar 2019	Current	Scheme Type 2 (Scheme 2) Scheme Type 2 refers to the Scheme Type 2 specified in ISO/IEC 17067. It 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.

	10 May 2019	Immediate	Clarification	Scheme Type 2 (Scheme 2) “Scheme Type 2” refers to Scheme Type 2 specified in ISO/IEC 17067. It consists of type testing of a sample and subsequent periodic testing of samples from the market to check that items produced subsequent to the initial attestation fulfil the specified requirements.
11.2.7	21 Aug 2018	1 Mar 2019	Current	Scheme Type 5 (Scheme 5) Scheme Type 5 refers to the Scheme Type 5 specified in ISO/IEC 17067. It 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. Regulated fire safety products certified under Scheme Type 5 (Discrete System) are issued with product labels which are also displayed on the products.
	10 May 2019	Immediate	Clarification	Scheme Type 5 (Scheme 5) “Scheme Type 5” refers to the Scheme Type 5 specified in ISO/IEC 17067. It consists of type testing and assessment of the entire quality management system, including auditing the production process and management system. Surveillance testing of the product is done either from the market or at the point of production, or both, to check that items produced subsequent to the initial attestation fulfil the specified requirements. ~~Regulated fire safety products certified under Scheme Type 5 (Discrete System) are issued with product labels which are also displayed on the products.~~

11.2.8	10 May 2019	Immediate	Clarification	Type testing "Type testing" refers to testing of a product according to the test standard(s) for that product for the application of CoC, as specified in *Table 11A*.
11.2.9	10 May 2019	Immediate	Clarification	Attestation "Attestation" refers to a statement of conformity which leads to the issuance of a CoC. The attestation, issued by a CB, indicates that the product is in compliance with the PLS.
11.2.10 (Updated clause no.)	21 Aug 2018	1 Mar 2019	Current	Discrete System Products which are classified as discrete systems are issued with product labels by CBs which can be displayed on the products. Examples of such products include hydrants, landing valves and fire extinguishers.
	10 May 2019	Immediate	Clarification	Discrete system

				"Discrete system" refers to a fire safety product on which it is physically practicable and/or effective to affix a product label for identification purposes. Such products include fire doors, landing valves, and fire extinguishers.
11.2.11 (Updated clause no.)	21 Aug 2018	1 Mar 2019	Current	Non-discrete system Products which are classified as non-discrete system are issued by CBs with DoC certificates to suppliers. Examples of such products include internal partition system and floor system.
	10 May 2019	Immediate	Clarification	Non-discrete System "Non-discrete system" refers to a fire safety product on which it is not physically practicable or effective to affix a product label, for example on walls, floors and cables. Suppliers are instead issued with DoC certificates for these products.

11.3.1 (Updated clause no.)	21 Aug 2018	1 Mar 2019	Current	Validity of test reports for regulated fire safety products and materials a. Test report(s) shall be valid for 5 years at the point of listing for products listed under Scheme Type 5 (Discrete system) and Scheme Type 1b which are issued with product labels. b. Test report(s) shall be valid for 10 years at the point of listing for products listed under Scheme Type 5 (Non-discrete system) which are issued with DoC. c. Test report(s) shall be valid for 5 years at the point of listing for products listed under Scheme Type 2 (Discrete system) and valid for 10 years at the point of listing for products listed under Scheme Type 2 (Non-discrete system).
	10 May 2019	Immediate	Clarification	Validity of test reports for regulated fire safety products and materials a. With reference to ***Table 11A***, products under Scheme 1b shall be certified based on a test report(s) that was issued less than 5 years prior to the date of the CoC being issued. Scheme 1b (discrete systems) shall be issued with product labels, while Scheme 1b (non-discrete systems) shall be issued with DoCs. b. Discrete systems under Scheme 2 and 5 shall be certified based on a test report(s) that was issued less than 5 years prior to the date of the CoC being issued. These products shall be issued with product labels.

				c. Non-discrete systems under Schemes 2 and 5 shall be certified based on a test report(s) that was issued less than 10 years prior to the date of the CoC being issued. These products shall be issued with DoCs.
11.3.3	21 Aug 2018	1 Mar 2019	Current	ACCREDITATION REQUIREMENTS a. All CBs offering services in Singapore to certify regulated fire safety products and materials shall be accredited by Singapore Accreditation Council (SAC), and shall comply with the requirements stipulated in ISO/IEC 17065 (Conformity Assessment - Requirements for Bodies Certifying Products, Processes and Services). b. All testing laboratories offering services to test regulated fire safety products/ materials shall be accredited by SAC or recognised by SAC via the MRA, and shall comply with the requirements stipulated in ISO/IEC 17025 (General Requirements for the Competence of Testing and Calibration Laboratories).
	10 May 2019	Immediate	Clarification	Accreditation requirements a. Regulated fire safety products and materials used in fire safety works shall be certified by a local certification body accredited by SAC, and shall comply with the requirements stipulated in ISO/IEC 17065 (Conformity Assessment - Requirements for Bodies Certifying Products, Processes and Services). b. Regulated fire safety products and materials shall be accompanied by test reports from testing laboratories accredited by SAC or recognised by SAC via the MRA, and shall comply with the requirements stipulated in ISO/IEC 17025

				(General Requirements for the Competence of Testing and Calibration Laboratories).
11.3.4	21 Aug 18	1 Mar 2019	Current	PROVISION OF MINIMUM INFORMATION BY CBS ON CERTIFIED FIRE SAFETY PRODUCTS & MATERIALS AND PRODUCTS & MATERIALS WHICH FAILED THE CERTIFICATION REQUIREMENTS CBs shall provide the minimum information as specified below in their directory for certified fire safety products and materials and products & materials which failed the certification requirements for verification by the public. Such information shall be part of the audit requirements of SAC.
	10 May 2019	Immediate	Clarification	Provision of minimum information by CBs on regulated fire safety products and materials for certification All certified regulated fire safety products, with the minimum information as specified below, shall be published on the CBs' directory online. This directory should also include products that have failed to meet certification requirements. ~~Such information shall be part of the audit requirements of SAC.~~
	21 Aug 2018	1 Mar 2019	Current	TRACEABILITY OF CERTIFIED PLS LISTED PRODUCTS

11.4.1				a. Regulated fire safety products listed under the PLS and certified under Scheme Type 5 (Scheme 5) (Discrete System) and Scheme Type 1b (Scheme 1b) are issued with product labels which are displayed on the products. To enhance accountability, speedy audit process and traceability of regulated fire safety product, the supplier who is the certificate holder of CoCs of these categories of regulated products shall also display labels which include their company's name on the certified fire safety products. b. Both the product labels and company labels displayed on the certified fire safety products shall be water-proof, tampered-proof and capable of preventing forgery of labels. c. The product labels shall indicate the product category, unique label identification number and CB logo.
	10 May 2019	Immediate	Change in requirements	Traceability of certified PLS-listed products Regulated fire safety products that are discrete systems (i.e. listed under Scheme Types 1b and 5) can only be used in Singapore if they are affixed with product labels which are water-proof, tamper-proof and forgery-proof and which indicate the product category, unique label identification number and CB's logo. ~~the supplier who is the certificate holder of CoCs of these categories of regulated products shall also display labels which include their company's name on the certified fire safety products.~~