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No. S 97

FIRE SAFETY ACT (CHAPTER 109A)

FIRE SAFETY (FIRE CERTIFICATE) (DESIGNATED BUILDINGS) ORDER 2016

ARRANGEMENT OF PARAGRAPHS

Paragraph

1. Citation and commencement
 2. Definitions
 3. Designated industrial buildings
 4. Designated residential buildings
 5. Designated engineered timber buildings
 - 5A. Fully automated mechanised car parks
 6. Revocation
- The Schedule
-

In exercise of the powers conferred by section 20(1B) of the Fire Safety Act, the Minister for Home Affairs makes the following Order:

Citation and commencement

1. This Order is the Fire Safety (Fire Certificate) (Designated Buildings) Order 2016 and comes into operation on 1 March 2016.

Definitions

2. In this Order, unless the context otherwise requires —

“element of structure” means —

- (a) a member forming part of the structural frame of a building or any other beam or column but not a member forming part of a roof structure only;
- (b) a load-bearing wall or load-bearing part of a wall;

(c) a floor, including a compartment floor, other than the lowest floor (in contact with the ground) of a building;

(d) a separating wall; or

(e) a structure enclosing a protected shaft;

“engineered timber building” means a building that is constructed using any permitted timber material, or a combination of any permitted timber material and other materials, as an element of structure, an external wall or a compartment wall of the building;

“fully automated mechanised car park” means a building or part of a building that is used as a car park where the parking and retrieving of vehicles is done by fully automated mechanical means;

[S 627/2016 wef 12/12/2016]

“habitable height”, in relation to a building, means the height measured from the lowest level of a fire engine accessway or fire engine access road to the finished floor level of the highest habitable floor in that building;

“permitted timber material” means any timber material described in the Fire Code as being permissible for use as an element of structure, an external wall or a compartment wall of a building;

“residential building” means a building or part of a building that is lawfully used or intended to be used for residential purposes.

Designated industrial buildings

3.—(1) The following industrial buildings are designated to be subject to section 20 of the Act:

(a) an industrial building with an occupant load of at least 1,000 persons;

(b) an industrial building with a floor area or site area of at least 5,000 square metres;

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- (c) an industrial building with a habitable height of more than 24 metres;
 - (d) an industrial building with an address specified in the Schedule.

(2) In this paragraph, a reference to an industrial building includes an industrial building that is an engineered timber building.

Designated residential buildings

4.—(1) Subject to sub-paragraph (2), a residential building that —

- (a) has a habitable height of more than 24 metres; and
- (b) is installed with —
 - (i) an automatic fire alarm system;
 - (ii) a sprinkler system; or
 - (iii) a wet riser system,

is designated to be subject to section 20 of the Act.

(2) Sub-paragraph (1) does not apply to a residential building used or intended to be used for public housing unless the residential building is an engineered timber building.

(3) In this paragraph, a reference to a residential building includes a residential building that is an engineered timber building.

Designated engineered timber buildings

5. An engineered timber building (whether industrial or residential, or used or intended to be used for any other purpose) installed with —

- (a) an automatic fire alarm system;
- (b) an automatic sprinkler system;
- (c) an automatic smoke control system; or
- (d) any other automatic fire detection or suppression system intended to detect or control a fire automatically,

is designated to be subject to section 20 of the Act.

Fully automated mechanised car parks

5A.—(1) A fully automated mechanised car park that —

- (a) is installed with a fire protection system; and
- (b) meets any of the conditions in sub-paragraph (2),

is designated to be subject to section 20 of the Act.

(2) The conditions in sub-paragraph (1)(b) are as follows:

- (a) the total floor area of the car parking decks exceeds 200 square metres;
- (b) the cubical extent of the fully automated mechanised car park exceeds 1,400 cubic metres;
- (c) the parking height of the fully automated mechanised car park above ground exceeds 10 metres;
- (d) there are more than 2 parking levels below ground;
- (e) where any part of the car parking levels is below ground, the total parking height of the fully automated mechanised car park exceeds 14 metres.

(3) For the purposes of sub-paragraph (2), the cubical extent and parking height of the fully automated mechanised car park is calculated or measured (as the case may be) in the manner prescribed in the Fire Code.

[S 627/2016 wef 12/12/2016]

Revocation

6. The following Orders are revoked:

- (a) Fire Safety (Buildings Requiring Fire Certificate) Order (O 3);
- (b) Fire Safety (Residential Buildings Requiring Fire Certificate) Order 2010 (G.N. No. S 173/2010).

THE SCHEDULE

Paragraph 3(1)(d)

1. 22A Benoi Road, Singapore 629893

THE SCHEDULE — *continued*

2. 26 Gul Crescent, Singapore 629532
3. 1 Gul Way, Singapore 629191
4. 41 Jalan Buroh, Singapore 619488
5. 3 Jalan Samulun, Singapore 629127
6. 23 Tuas Avenue 11, Singapore 639086
7. 1 Tuas Avenue 4, Singapore 639382
8. 14 Tuas Avenue 18, Singapore 638898
9. 46A Tuas Crescent, Singapore 638735
10. 2 Tuas View Lane, Singapore 637657
11. 20 Tuas West Avenue, Singapore 638432.

Made on 23 February 2016.

LEO YIP
*Permanent Secretary,
Ministry of Home Affairs,
Singapore.*

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