

SINGAPORE CIVIL DEFENCE FORCE

Our Ref. : CD/FSSD/12/02/03/01

Your Ref :

Date : 08 November 2012



HQ Singapore Civil Defence Force

91 Ubi Avenue 4

Singapore 408827

Tel : 68481457

Fax : 68481489

Registrar, Board of Architects (BOA)
Registrar, Professional Engineers Board (PEB)
President, Singapore Institute of Architects (SIA)
President, Institution of Engineers, Singapore (IES)
President, Association of Consulting Engineers, Singapore (ACES)

Dear Sir/Mdm,

CLARIFICATION TO CLAUSE 13.1.2 OF SS 550:2009 – CODE OF PRACTICE FOR INSTALLATION, OPERATION & MAINTENANCE OF ELECTRIC PASSENGER & GOODS LIFTS

The second paragraph of clause 13.1.2 of SS 550:2009 stipulates that for buildings which are not required to have standby generating system, fire detection at lift lobbies is required such that all lifts serving the same lobbies shall be brought to the designated floor or where applicable the alternate designated floor, automatically under normal power.

2. The main intention of the clause is to prevent lift from stopping at and opening into a lobby that is on fire. However, we have come across some residential buildings which have standby generator but without any detection system to home their lifts when fire occurs at the lift lobbies.

3. SCDF has briefed the FSSD Standing Committee on 5 Sep 2012 on the following points to make the intention of the clause clearer:

- (i) Buildings equipped with standby generating system but without automatic fire alarm or sprinkler system coverage at all lift lobbies shall comply with this clause.
- (ii) Buildings with lifts installed with ARD shall also comply with this clause.
- (iii) For buildings without main fire alarm panel, the detectors shall form part of the lift system and shall be connected directly to the lift control panel to home the lift under normal power upon activation.



- (iv) Alternate designated floor shall always be provided for access to an alternative exit in the event that the lift lobby on the designated floor is on fire. For buildings with access to other exit staircases through external corridors at certain levels, the alternate designated floor shall be located at one of these levels closest to the ground level.
- (v) Heat detector can be used (only at lift lobbies) to reduce false alarms.

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

5. For any inquiry or clarification, please contact MAJ Bryan Ng at tel. no. 68481443 or email address Bryan_Ng@scdf.gov.sg.

Yours faithfully,

(transmitted via e-mail)

MAJ Lee Kok Chuen
Secretary, FSSD Standing Committee
for Commissioner
Singapore Civil Defence Force

cc

All members of FSSD Standing Committee

President, REDAS

President, IFE

President, SISV

CEO, BCA

CEO, URA

CEO, HDB

CEO, PSA

CEO, JTC

CE, LTA

CE, TUV SUD PSB – (Attn: Ms Emily Mok/ Mr Lau Keong Ong)

CE, SPRING Singapore – (Attn: Mr Kenneth Lim)

President, FSMAS

Honorary Secretary, SPM