

# SINGAPORE CIVIL DEFENCE FORCE FIRE SAFETY AND SHELTER DEPARTMENT

HQ SINGAPORE CIVIL DEFENCE FORCE  
91 Ubi Avenue 4 Singapore 408827  
Website: <http://www.scdf.gov.sg>



Please quote our ref. no. in all future correspondences

Our Ref: CD/FSSD/12/01/03/04

DID: 68481407

FAX: 68481493

04 Jul 2007

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 Sirs

## INSTALLATION OF FIRE SHUTTERS IN BUILDINGS

Presently, the Fire Code allows fire shutters to be installed in openings in fire compartment walls and floors for purposes of limiting compartment sizes. All fire shutters are required to be listed under the Product Listing Scheme and must bear the approved label attesting to the required fire resistance.

2. Recently, arising from queries raised at the FSSD Standing Committee, a review has been carried out on the provision and installation of fire shutters. It was found that fire shutters are commonly installed at edge of escalator wells, at periphery of atrium voids (at upper levels) and at doorways where it is not likely to have placement of things. FSSD has decided that fire rated roller shutters used under such circumstances need not be type tested to pass thermal insulation criteria. However, the thermal insulation requirement shall still be applicable for fire rated roller shutters used in compartment walls.

3. Vertical fire shutter shall be equipped with mechanism to allow the curtain of the fire shutter assembly to fall by gravity upon activation of fusible link or activation of smoke detector installed in close proximity of the fire shutter. For lateral and horizontal fire shutters, the electric drive shall be connected to emergency power supply so that it can remain functional during power failure.

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



# SINGAPORE CIVIL DEFENCE FORCE FIRE SAFETY AND SHELTER DEPARTMENT

HQ SINGAPORE CIVIL DEFENCE FORCE  
91 Ubi Avenue 4 Singapore 408827  
Website: <http://www.scdf.gov.sg>



Please quote our ref. no. in all future correspondences

5. For any inquiry or clarification, please contact Mr. Vijayaratnam Karuppaiah at  
Tel: 68481448 or e-mail address: [Vijayaratnam\\_KARUPPAIAH@scdf.gov.sg](mailto:Vijayaratnam_KARUPPAIAH@scdf.gov.sg).

Yours faithfully

(transmitted via e-mail)

Poon Keng Soon  
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, PSB – (Attn: Ms Tan Chiew Wan / Mr Lau Keong Ong)  
GM, SPRING Singapore – (Attn: Mr Teo Nam Kuan)



ISO 9001:2000 Cert.No.: 2149

