

**SINGAPORE CIVIL DEFENCE FORCE
FIRE SAFETY & SHELTER BUREAU**

HQ Singapore Civil Defence Force
91 Ubi Ave 4 Singapore 408827 Fax : 6848 1488
Website : <http://www.scdf.gov.sg>



Please quote our ref. no. in all future correspondences

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DID: 68481409

FAX: 68481493

20 Jan 2003

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

FIRE SAFETY REQUIREMENTS FOR FIRE LIFT

The provision of fire lift is required for building, which comprises habitable height exceeding 24m or basement of depth greater than 9m below the average ground level, to facilitate internal fire emergency operations.

2 FSSB had received queries from members of the Technical Committee on Lifts, Escalators & Passenger Conveyors on the need of providing a physical "by-pass" switch and the "fireman handset" in the fire lift for the exclusive use of fire-fighters.

By-pass switch

3 Clause 6.6.3(c) of the Fire Code requires fire lift to be provided with an operational feature to enable fireman to cancel first or earlier call which had been inadvertently made to the fire-lift during an emergency. This operational feature could be built into the lift control system or alternatively a separate bypass switch could be provided. Therefore, if the operational feature is built into the lift control, it is not mandatory to provide a separate by-pass switch.

Telephone hand-set

4 Clause 8.2.1(b)(v) of the Fire Code requires two-way emergency voice communication system to be provided between the Fire Command Centre and the fire lift. Clause 6.1 of the SSCP 25:1999 further states that the two-way voice communication system shall consist of the main telephone handset and selector switches at the control console and the other remote handsets installed at various designated locations. In view of the adequacy of the lift intercom system, please be informed that with immediate effect, FSSB will accept the lift intercom system in-lieu of the handset provided it complies with clause 9 of SSCP 25 : 1999 on 'Installation and Power Supply'.

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5 Please convey the contents of this letter to members of your organisation. You may reproduce the pages of the requirements for dissemination to your members. The circular is also available in CORENET-einfo: <http://www.corenet.gov.sg/einfo>.

6 For any inquiry or clarification, please contact Mr. Vijayaratham at tel. 68481448.

Yours faithfully

(Transmitted via e-mail)

Teo Lim Teck
Secretary, FSSB Standing Committee
for Commissioner
Singapore Civil Defence Force

cc

CEO, BCA
All members of FSSB Standing Committee
All members of Fire Code Review Committee
President, REDAS
President, IFE
President, SISV
CEO, HDB
Group President, PSA Corp
CEO, JTC
CE, LTA (Attn : Mr Mohinder Singh)
CE, PSB Corp (Attn : Mr Lau Keong Ong / Ms Tan Chiew Wan)