

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

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*

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

DID: 68481409

FAX: 68481493

1 July 2004

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/Madam

**PERFORMANCE-BASED FIRE SAFETY REGULATORY SYSTEM**

We are pleased to inform that the performance-based fire safety regulatory system will be implemented with effect from 1 July 2004 under the Fire Safety (Amendment) Act 2004. A performance-based approach to fire safety design can bring about added flexibility and innovation in the building design process while allowing for potential savings in building costs.

2. In a performance-based approach, there are many ways of designing fire protection measures to achieve the desired level of fire safety. Building designers use fire safety engineering principles and design tools such as fire and evacuation models to develop fire protection measures to achieve the desired fire safety objectives. These fire safety objectives and the conditions to fulfil them are spelt out in the performance-based provisions. Such an approach to fire safety design can only be undertaken by a fire safety engineer registered under the Fire Safety Act. The design would have to be reviewed by a peer reviewer, who is also a registered fire safety engineer. These provisions are given in Section 23 of the recently amended Fire Safety Act. Thereafter, the completed fire safety engineering works are to be inspected by a Registered Inspector who must also be a fire safety engineer, as stipulated under Regulation 4 of the Fire Safety (Registered Inspectors)(Amendment) Regulations 2004.

3. Details of performance-based regulatory system can be found at our web-site address: [http://www.scdf.gov.sg/html/info/inf02\\_fssb.html#6A](http://www.scdf.gov.sg/html/info/inf02_fssb.html#6A).

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>.

5. For any inquiry or clarification, please contact anyone of the following officers: Mr Heng Chai Liang (tel. 68481452), Mr Edmund Choo (tel. 68481462) or Cpt Ng Kok Leong (tel: 68481459).



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Yours faithfully

(Transmitted via e-mail)  
Teo Lim Teck  
Secretary, FSSD Standing Committee  
for Commissioner  
Singapore Civil Defence Force

cc  
CEO, BCA  
All members of FSSD Standing Committee  
All members of Performance Based Code Committee  
President, REDAS  
President, IFE  
President, SISV  
CEO, HDB  
CEO, URA  
Group President, PSA Corp  
CEO, JTC  
CE, LTA (Attn: Mr. Mohinder Singh)  
CE, PSB Corp (Attn : Mr. Lau Keong Ong / Ms Tan Chiew Wan)  
GM, SPRING Singapore –(Attn : Mr Teo Nam Kuan)

