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Our Ref: OM-LA/009

6 March 2002

MEMORANDUM

To: Members of the Staff

From: Tan L S

SELF-ILLUMINATION FIRE SAFETY SIGN

I am pleased to attach a self-explanatory circular from Fire Safety & Shelter Bureau pertaining to the Self-Illuminated Fire Safety Sign for your information.

Tan L S

cc RT/LCT
cc Notice Board

enc

TLS/na

BCA
ISO 9000

SINGAPORE CIVIL DEFENCE FORCE
FIRE SAFETY & SHELTER BUREAU

Civil Defence Complex 91 Ubi Ave 4 Singaore 408827 Fax : 8481488
Website : http//:www.scdf.gov.sg

Please quote our ref. no . in all future correspondences

FAX To: ACES MEMBERS (28.02.02)

Our Ref: CD/FSSB/12/01/03/02

DID: 8481409

27th Feb 2002

FAX: 8481493

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)

ALPHA
-1 MAR 2002
FAX RECEIVED

Dear Sirs

SELF-ILLUMINATION FIRE SAFETY SIGN

Currently, self-illuminating fire safety sign powered by radioactive substance is permitted for use as exit and exit directional sign in building provided it complies with BS 5499 Part 2 in construction aspect and SS 364 & CP: 19:2000 in design and installation aspects respectively. However, we noted that some QPs applied only BS 5499 Pt 2 as stated in Cl. 8.1.7(g) of the Fire Code when selecting exit and exit directional signs. This is not adequate as the luminance of the self-illuminating fire safety signs has to conform to the requirements stipulated in the CP: 19:2000 as well.

In view of the above, we have decided to merge sub-clauses 8.1.7 (f) and 8.1.7 (g) and reword them as shown in the attached Annex A.

Please convey the contents of this circular to members of your Institution / Association / Board. You may reproduce Annex A for distribution to your members. The circular is also available in our website : http://www.scdf.gov.sg.

For any enquiry or clarification, please contact Mr. Chan Hong Meng at Tel: 8481454.

Yours faithfully

(Transmitted via e-mail)

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

ACES
President
Vice-Pres
Hon Sec
Hon Treas
Exec Dir
Remarks/Action
28 FEB 2002
(Total = 2 pages)

Annex A

8.1.7 (d) Where the Relevant Authority has allowed under subclause 2.3.5(d) upper storey staircase to be continuous with that serving the basement, appropriate signages, including pictorials shall be placed at strategic location inside the staircase to direct occupants out of the building in times of emergency.

(e) The legends, dimensions, design and installation of the exit signs and directional signs shall comply with SS CP 19.

(f) Self-illuminating exit and exit directional signs with letters in green and powered by radioactive material are allowed for use in buildings, provided the signs comply with BS 5499 Part 2, SS 364 and SS CP 19 under sub-clause 8.1.7 (e).

Self-illuminating signs
Amended under supplement 4/2002 dated 27 Feb 2002 (Effective date 27/2/2002)

8.2 **VOICE COMMUNICATION SYSTEM AND FIRE COMMAND CENTRE**

8.2.1(a) One way emergency communication system and a fire command centre shall be provided as follows:

System requirements

Existing clause revised under Supplement 2/2002 dated 18th Jan 2002 (Effective date 1st May 2002)

(i) For all large buildings under Purpose groups III, IV, V & VII (gross floor area greater than 5000 sq m or having a total occupant load exceeding 1000 persons) and large industrial buildings under Purpose group VI & VIII, including mega warehouses, (gross floor area greater than 5000 sq m).

(ii) For all buildings belonging to purpose groups III, IV, V, VI, VII, and VIII of more than 24m in habitable height.

Construction

(iii) For hotel or health care occupancies of less than 24m in habitable height. Loudspeakers for the public address system shall be provided in every lift lobby, staircase enclosure and other strategic positions within audible distance of all parts of all storeys of the building.

(b) Two way emergency communication system shall be provided between the Fire Command Centre, under sub-clauses 8.2.1(a), (i) and (ii) above, and the following area:

(i) Every fire fighting lobby, including 1st storey;
(ii) all fire fighting related mechanical equipment rooms inclusive of sprinkler pump room, wet rising main pump room, hose reel pump room, switch rooms and generator rooms;

(iii) all rooms housing smoke control equipment;