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Our Ref: OM-LA/015

12 May 2010

MEMORANDUM

To : Engineering Staff

From : Andrew Loh

CLARIFICATION ON THE PROVISION OF PRIVATE HYDRANT

Please find attached the circular from FSSD dated 7 May 2010 pertaining to the above-captioned for your information and attention.

ANDREW LOH

cc LFY/TLS/CCG/GSH
cc Memo File

enc

/hi

BCA ISO 14000 CERT NO.: 10005154 SS ISO 14001 : 2004
BCA ISO 9000 CERT NO.: 326 SS ISO 9001 : 2000
SAC ACCREDITED CERTIFICATION BODY
Member of the IAF MLA for QMS

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/12/02/03/01

DID: 68481407
FAX: 68481493

7 May 2010

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/Madam,

CLARIFICATION ON THE PROVISION OF PRIVATE HYDRANT

The current clause 4.4.1 of the Fire Code stipulates that hydrant is required within an unobstructed distance of 50m from every part of the fire engine accessway and/or access road in a private lot.

2. We would like to clarify that this clause must be made applicable to a development that uses any public road as fire engine accessway and/or access road. In such a case, should the existing public hydrants are inadequate to fulfill the requirement of clause 4.4.1, additional private hydrants must be provided.

3. Please note that this clause is also applicable to sites used for rapid transit systems, underground as well as aboveground.

4. We would also like to clarify that existing public hydrants along one side of a public road shall not be designated to serve developments that are sited across the other side of the public road, except for a one-way single lane road.

ISO 9001 : 2000 Cert.No. : 2146

A PROUD MEMBER OF THE HOME TEAM

SINGAPORE QUALITY AWARD 2005 Winner

5. The above issues had been brought up and discussed in the FSSD Standing Committee meeting on 25 Jan 2010 and the Fire Code Review Committee meeting on 14 Apr 2010. Arising from the above, amendments to the Fire Code have been made to reflect the changes in clause 4.4.1. The amendments are highlighted by a black vertical line in the attached Appendix A.

6. This circular shall take immediate effect. 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.

7. For any inquiry or clarification, please contact Mr. Randy Tan at tel. no. 68481461 or email address Randy_Tan@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, TUV SUD PSB – (Attn: Ms Tan Chiew Wan / Mr Lau Keong Ong)
CE, SPRING Singapore – (Attn: Mr Kenneth Lim)
President, FSMAS
Honorary Secretary, SPM

4.4 PRIVATE FIRE HYDRANT

4.4.1 REQUIREMENTS

(a) (i) Every part of a fire engine access road and/or an accessway shall be within an unobstructed distance of 50m from a hydrant. Where a public hydrant conforming to such requirement is not available, private hydrant(s) shall be provided (see diagram 4.4.1(a)).

(ii) Existing public hydrants along one side of a public road shall not be designated to serve developments that are sited across the other side of the public road, except for a one-way single lane road.

(b) In situations where more than one private hydrants are required, the hydrants shall be located along the fire engine access road and/or an accessway such that every part of the access road and/or accessway is within an unobstructed distance of 50m from any hydrant (see diagram 4.4.1(b)).

(c) Siting and types of fire hydrants shall comply with the requirements stated in SS CP 29: Code of Practice for Fire Hydrant Systems and Hosereels.