



# NEWSLETTER

**THE INSTITUTION OF FIRE ENGINEERS (SINGAPORE BRANCH)**

89 Short Street, #02-15 Golden Wall Centre, Singapore 188216

Tel: 6338 9274 Fax: 6336 6175 E-mail: [ifespore@singnet.com.sg](mailto:ifespore@singnet.com.sg)

Website: [www.ife-singapore.org](http://www.ife-singapore.org)

**MAY-JUN 2010**

## **COURSE ON SERVICING & MAINTENANCE OF FIRE EXTINGUISHERS**

The 17<sup>th</sup> run of the Course on Servicing & Maintenance of Fire Extinguishers will be held from 23<sup>rd</sup> – 31<sup>st</sup> Aug 2010. Upon successful completion of the course, participants will be qualified to inspect, maintain and re-charge fire extinguishers. This course will be conducted by qualified personnel from IFE Singapore, and there will be an examination at the end of the course to qualify for certification.

The Course Contents are:

1. Introduction to fire extinguishers.
2. Types of fire extinguishers and their classification & ratings.
3. Overview of SS232 – Construction of fire extinguishers.
4. SS.CP.55 – Selection & distribution of fire extinguishers.
5. SS.CP.55 – Maintenance of fire extinguishers – theory & practical.
6. SS.CP.55 – Recharging of fire extinguishers – theory & practical.
7. SS.CP.55 – Hydrostatic testing of fire extinguishers – theory & practical.
8. Theory test and Practical test

Course commencement date : 23<sup>rd</sup> Aug 2010  
Duration: 6 evenings  
Theory Lessons: 6.30pm – 9.30pm  
Practical Lessons & Exam: 6.30 – 9.30 pm  
Theory Examination: 7.00 – 8.00 pm

Venue: 23<sup>rd</sup>, 24<sup>th</sup> & 30<sup>th</sup> Aug 2010  
National Safety Council of S'pore  
315 Outram Road #10-09A  
Tan Boon Liat Building  
Singapore 169074

26<sup>th</sup>, 27<sup>th</sup>, & 31<sup>st</sup> Aug 2010  
32 Ang Mo Kio Industrial Park 2  
#07-06 Sing Industrial Complex  
Singapore 569510

Course fee: \$475.00 for IFE Member  
\$505.00 for Non-Member

Maximum Class Size: 20

Please fill up the application form on the last page of this newsletter and return it together with payment to the IFE Secretariat. As there are limited places, allocation will be on a first-come-first-served basis.

### **IFE (Singapore Branch) Council Members**

**President**

Tan Jin Thong PGP, BBM  
FIFireE (UK), MIAAI (US)

**Vice President**

Siew Yee Cheong FIFireE

**Honorary Secretary**

Azmi b Adam FIFireE

**Honorary Treasurer**

Yeow Mei Leng FIFireE

**Members**

K Ramanathan GIFireE  
Pandi Karupiah FIFireE  
Michael Mok Aik Chin AFFireE

Koh Soon Chuang MIFireE  
Ivan Sin Siang Meng MIFireE  
Mark Fong Wai Chuan AFFireE

Vincent Leong Kuan Yu MIFireE  
David Goh King Siang AFFireE

## **NFPA WORKSHOP**

IFE is planning to have 3 NFPA workshops during the week of 27<sup>th</sup> Sep 2010 at Novotel Clarke Quay Conference Hall. There will be a 2-day workshop on NFPA 101 - Life Safety Code, a 2-day workshop on NFPA 13 – Installation of Spinkler Systems and a 1-day workshop on NFPA 20 – Fire Pumps. The trainer will be Mr William E Koffel, President, Koffel Associates and Authorized Trainer of National Fire Protection Association, USA. Please mark the dates in your calendar and avail yourself to these workshops. More details will be released at later date.

## **VISIT TO BRUNEI FIRE & RESCUE SERVICES**

On the 3<sup>rd</sup> of May 2010, our President led a delegation comprising our Hon. Secretary and three council members to pay a courtesy call on the Director of Fire & Rescue Services, Brunei. President discussed with the Brunei fire chief on the formation of a Brunei branch of IFE and offered IFE Singapore's full assistance in the formation of their branch, if they decide to go ahead with setting up a Brunei branch.

In the afternoon the delegation paid a courtesy call on the Fire & Rescue Dept. of Brunei Shell Petroleum. The delegation had a good discussion on their training needs with regard to fire protection systems and incident command and control.

## **INVITATION FOR REGISTRATION AS FIRE SAFETY ENGINEER (FSE)**

SCDF has commenced its 7<sup>th</sup> FSE registration exercise and is inviting applicants for registration as FSEs. The closing date for the application for FSE registration is on 16 Aug 2010.

Information on the registration criteria, application fee, supporting documents required and where to submit application are given in a FSSD's circular available to our members on our website: <http://www.ife-singapore.org>.

## FSSD CIRCULARS

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

DID: 68481407

FAX: 68481493

9 Apr 2010

Dear Sir/Madam

### **IMPLEMENTATION OF SS 550:2009 – CODE OF PRACTICE FOR INSTALLATION, OPERATION & MAINTENANCE OF ELECTRIC PASSENGER & GOODS LIFTS**

The SS 550:2009 – Code of Practice for Installation, Operation and Maintenance of Electric Passenger and Goods Lifts, formerly CP 2, was approved by the SPRING's Electrical & Electronic Standards Committee on 06 Oct 2009 and officially launched on 4 Feb 2010. This standard specifies the design, construction, installation, testing, inspection, operation and maintenance of permanently installed new electric lifts.

2. SCDF has briefed the FSSD Standing Committee on 5 Apr 2010 on the fire safety related changes in SS 550:2009. In order not to unduly affect on-going projects, the Committee agreed that SS 550:2009 shall be applicable to all building plans that are submitted to SCDF for approval on or after 01 Jul 2010.

3. 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>.

4. For any inquiry or clarification, please contact Mr. Lee Wee Keong at tel. no. 68481445 or email address [LEE\\_Wee\\_Keong@scdf.gov.sg](mailto:LEE_Wee_Keong@scdf.gov.sg).

Yours faithfully,

(Transmitted via e-mail)  
Poon Keng Soon  
Secretary, FSSD Standing Committee  
for Commissioner  
Singapore Civil Defence Force

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

DID: 68481407  
FAX: 68481493

9 Apr 2010

Dear Sir/Madam

**RESIDENTIAL UNITS NOT PERMITTED ON THE REFUGE FLOOR FOR SUPER HIGH-RISE RESIDENTIAL BUILDINGS**

The fire safety requirements for super high-rise residential buildings are currently stipulated in Appendix H of the Fire Code.

2 These fire safety requirements permit non-residential rooms to be located on the refuge floor subject to the conditions as stipulated in Appendix H of the Fire Code. We would like to clarify that while non-residential rooms can be located on the refuge floor, residential units are not permitted to be located on the refuge floor, even if the conditions are met.

3 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>.

4 For any inquiry or clarification, please contact Mr. Randy Tan at tel. no. 68481461 or email address [Randy\\_Tan@scdf.gov.sg](mailto:Randy_Tan@scdf.gov.sg).

Yours faithfully,

(Transmitted via e-mail)  
Poon Keng Soon  
Secretary, FSSD Standing Committee  
for Commissioner  
Singapore Civil Defence Force

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

DID: 68481407  
FAX: 68481493

20 Apr 2010

Dear Sir/Madam,

**RESIDENTIAL UNITS NOT PERMITTED ON THE REFUGE FLOOR FOR SUPER HIGH-RISE RESIDENTIAL BUILDINGS**

The fire safety requirements for super high-rise residential buildings are currently stipulated in Appendix H of the Fire Code.

2 These fire safety requirements permit non-residential rooms to be located on the refuge floor subject to the conditions as stipulated in Appendix H of the Fire Code. We would like to clarify that while non-residential rooms can be located on the refuge floor, residential units are not permitted to be located on the refuge floor, even if the conditions are met.

3 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>.

4 For any inquiry or clarification, please contact Mr. Randy Tan at tel. no. 68481461 or email address [Randy\\_Tan@scdf.gov.sg](mailto:Randy_Tan@scdf.gov.sg).

Yours faithfully

(Transmitted via e-mail)  
Poon Keng Soon  
Secretary, FSSD Standing Committee  
for Commissioner  
Singapore Civil Defence Force

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

DID: 68481407  
FAX: 68481493

7 May 2010

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.

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](mailto:Randy_Tan@scdf.gov.sg).

Yours faithfully,

(Transmitted via e-mail)  
Poon Keng Soon  
Secretary, FSSD Standing Committee  
for Commissioner  
Singapore Civil Defence Force

Please see Appendix A on Page 8.

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

DID: 68481409  
FAX: 68481493

24 May 2010

Dear Sir/Madam,

### **PLAN SUBMISSION FOR EMERGENCY VOICE COMMUNICATION SYSTEM**

Subsequent to the issuance of the circular on plan submission requirement for Emergency Voice Communication systems on 19 Jan 2010, the Institution of Engineers has expressed its concern on the difficulty in meeting the recommendations stipulated in Annex A of SS 546 : 2009 – Code of Practice for Emergency Voice Communication System in Buildings.

2. The issue was discussed in the FSSD Standing Committee meeting on 17 May 2010 and the Committee agreed that further discussion with SPRING's Technical Committee for SS546 is needed. As such, the Committee had decided that the implementation date for plan submission for Emergency Voice Communication systems to be deferred till further notice.

3. 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>.

4. For any inquiry or clarification, please contact Mr. Lee Wee Keong at tel. no. 68481445 or email address [LEE\\_Wee\\_Keong@scdf.gov.sg](mailto:LEE_Wee_Keong@scdf.gov.sg).

Yours faithfully,

(Transmitted via e-mail)  
Poon Keng Soon  
Secretary, FSSD Standing Committee  
for Commissioner  
Singapore Civil Defence Force

**Appendix A**

**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) 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)).

**REGISTRATION FORM**

**Fire Extinguisher Servicing & Maintenance Course  
23<sup>rd</sup> – 31<sup>st</sup> Aug 2010 (Closing Date: 10<sup>th</sup> Aug 2010)**

The Institution of Fire Engineers  
Singapore Branch  
89 Short Street #02-15 Golden Wall Centre  
Singapore 188216

I am interested in enrolling for the Fire Extinguisher Servicing & Maintenance Course. Enclosed is my cheque \_\_\_\_\_ for the sum of **\$475.00**, made payable to "THE INSTITUTION OF FIRE ENGINEERS".

Signature: \_\_\_\_\_

Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Company: \_\_\_\_\_

Address of Company: \_\_\_\_\_

Educational Qualification: \_\_\_\_\_

NRIC/Fin No: \_\_\_\_\_ \*Citizenship \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Sex: \_\_\_\_\_ Marital Status: \_\_\_\_\_

Tel No: \_\_\_\_\_ (O) \_\_\_\_\_ (HP) \_\_\_\_\_ (Fax)

Membership No: \_\_\_\_\_ E-mail address: \_\_\_\_\_

\* For non-Singaporeans, a copy of the employment pass/work permit must be submitted with the application.

\* Please note that the organiser reserves the right to postpone or cancel the course.