



NEWSLETTER

THE INSTITUTION OF FIRE ENGINEERS (SINGAPORE BRANCH)

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SEPTEMBER-OCTOBER 2007

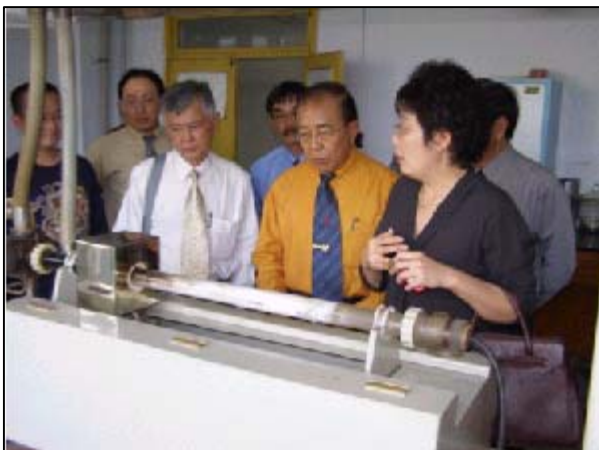
VISIT TO SICHUAN FIRE RESEARCH INSTITUTE



The IFES delegation to SCFRI



Mr. Siew briefing the SCFRI officials



At one of the laboratories at SCFRI



At the High Rise Fire Test Building

IFE (Singapore Branch) Council Members

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Siew Yee Cheong FIFireE

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K Ramanathan GIFireE

Fong Kum Wah AFFireE



Mr. Tan presenting a plaque to Mr. Li Feng



Mr. Don Alexander presenting a plaque from IFE Australia to Mr. Li Feng

A delegation of 12 members led by our President, Mr Tan Jin Thong, visited the Sichuan Fire Research Institute (SCFRI) on the 20 Sep 2007. The Institute is set in the scenic foothills of Dujianyan, Sichuan Province, China.

The delegation was met by the President/Director of SCFRI, Mr Li Feng and his staff. During the meeting we were briefed on the organization of and research work being done by SCFRI. This includes the whole spectrum of fire engineering technology from fire codes and standards to research into building fire prevention, flammability and toxicity of building materials, smoke control, etc.

In return, our Vice President, Mr. Siew Yee Cheong, briefed our hosts on the require-

ments of the Singapore Fire Codes and the practice of fire prevention and protection for buildings in Singapore.

After the briefings, SCFRI hosted the IFES delegation to a sumptuous lunch at a local restaurant.

After lunch, we returned to the Institute for a tour of their facilities which includes laboratories for testing of fire resistance of elements, smoke toxicity, cone calorimeter, etc. We also toured their “High Rise Tower for Fire Tests” – which is a complete 12-storey building with a basement where they carry out full-scale fire and smoke control tests involving various building materials and finishes.

VISIT TO SHENZHEN FIRE DEPARTMENT AND IFE (HK)

Our Branch plans to arrange a visit to Shenzhen Fire Department and IFE (HK) in March 2008.

The suggested period of travel is as follows:

Singapore/Hong Kong - Thursday, 13 Mar 08
Hong Kong/Singapore – Sunday, 16 Mar 08

Program

13 Mar 08 - Arrive Hong Kong, store baggages in Hong Kong airport, visit IFE (HK)/dinner, transfer to Shenzhen for overnight accommodation.

14 Mar 08 - Visit Shenzhen fire dept/lunch,
transfer to Chang Ping for
overnight accommodation
15 Mar 08 - R&R in Chang Ping
16 Mar 08 - Return to Singapore

Members who are interested to go have to
book your own air tickets. The offer is now

on for travel on Jet Star. You can log on at
www.jetstar.com/sg to book your air ticket.
The cost of an air ticket is from S\$78.00 (not
inclusive of airport tax and fuel surcharge).
Please inform the Secretariat once you have
booked your ticket so that we can make
arrangement for hotel accommodation.

COURSE ON SERVICING & MAINTENANCE OF FIRE EXTINGUISHERS

The 4th run of the Course on Servicing &
Maintenance of Fire Extinguishers will be
held from 14th Jan – 22nd Jan 2008 jointly
with NTUC. This course is accredited by
SCDF under the Accredited Training
Institution Scheme. 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.

Venue: 14th, 15th & 21st Jan 2008
Centre for Employability Scheme
NTUC Learning Hub
Room CES 6,

141 Redhill Road
Singapore 158828

17th, 18th & 22nd Jan 2008
32 Ang Mo Kio Industrial Park 2
#07-06 Sing Industrial Complex
Singapore 569510

Course fee: \$470.00 for IFE Member
\$500.00 for Non-Member

Maximum Class Size: 25

Please fill up the application form on Pg 5
and return it together with payment to the
IFE Secretariat by 10 January 2008. As
there will be limited places, allocation
will be on a first-come-first-served basis.

THE GREAT OUTDOORS

Two friends at University, an Arts Graduate
and an Engineering Graduate, go on a
camping trip, set up their tent, and fall asleep.
Some hours later, the Engineer wakes his
friend. "Look up at the sky and tell me what
you see".

The friend replies, "I see millions of stars."
The Engineer asks "And what does that tell
you?"

The Artist ponders for a minute.
"Astronomically speaking, it tells me that
there are millions of galaxies and potentially

billions of planets. Astrologically, it tells me
that Saturn is in Leo. Time wise, it appears
to be approximately a quarter past three in
the morning. Theoretically, it is evident the
Lord is all-powerful and we are small and
insignificant. Meteorologically, it seems we
will have a beautiful day tomorrow".

"And what does it tell you?" asks the Artist
turning to the Engineer.

The Engineer friend is silent for a moment,
and then replies. "Practically ... it tells me
that someone has stolen our tent".

IFE EXAMINATION 2008

2008 Examinations Timetable

Thursday 13 March am	Preliminary
Thursday 13 March am	Intermediate Paper 1
Thursday 13 March am	Graduate Paper 1 Fire Safety (mandatory)
Thursday 13 March am	Membership Paper 1 Fire Engineering Science (mandatory)
Thursday 13 March pm	Intermediate Paper 2
Thursday 13 March pm	Graduate Paper 2a Operations (optional)
Thursday 13 March pm	Graduate Paper 2c Aero Fire Studies (optional)
Thursday 13 March pm	Member Paper 6 Fire Service Operations (optional)
Thursday 13 March pm	Member Paper 7 Aero Fire Studies (optional)
Thursday 13 March pm	Member Paper 8 Fire Investigation (optional)
Thursday 13 March pm	Member Paper 11 Civil Emergency & Disaster Management (optional)
Friday 14 March am	Graduate Paper 3 Fire Engineering Science (mandatory)
Friday 14 March am	Member Paper 5 Strategic Human Resource Management (mandatory)
Friday 14 March pm	Graduate Paper 4 Human Resource Management (mandatory)
Friday 14 March pm	Member Paper 2 Fire Safety (mandatory)

The fee is \$110.00 per paper or \$360.00 where all 4 papers are taken for the Graduate or Member Examination. Those taking the Intermediate Examination need only to pay \$110 for the 2 papers. For those who are interested in taking the examinations can contact the Secretariat at Tel No: 65360021.

The closing date for submission is 26 October 2007. There is a new document entitled Study Skills: Guidance for Candidates which is designed to help candidates study for examinations. For more details please log on to our website: www.ife-singapore.org

**FIRE & RESCUE ASIA 2007
31 OCTOBER – 2 NOVEMBER 2007**

Conference & Exhibition Management Services Pte Ltd (CEMS) will be organizing the 9th International Exhibition for Fire Equipment & Technology at the Suntec Singapore International Convention & Exhibition Centre, Level 4, from 31 Oct – 2 Nov 2007.

Fire & Rescue Asia 2007 addresses the need for fire prevention and protection by bringing together major international exhibitors from

the fire and prevention industry. Fire & Rescue Asia will be your dedicated platform to showcase cutting edge products, equipment and technology in fire fighting and prevention equipment and techniques.

Two other exhibitions, namely Homeland Security Asia (HSA) and Safety & Security Asia (SSA) are also organized alongside each other.

Members who are interested in visiting the show can download the Visitor Registration

Form at www.cems.com.sg

REGISTRATION FORM

Fire Extinguisher Servicing & Maintenance Course 14th – 22nd January 2008 (6.30 pm – 9.30 pm) (Closing Date: 10th January 2008)

I am interested in enrolling for the Fire Extinguisher Servicing & Maintenance Course. Enclosed is my cheque _____ for the sum of **\$470.00**, made payable to “THE INSTITUTION OF FIRE ENGINEERS”.

Signature: _____

Name: _____

Address: _____

Name of Company: _____

Address of Company: _____

NRIC/Passport 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.

FSSD CIRULAR

CD/FSSD/12/01/03/04

DID: 68481407

04 September 2007

FAX: 68481493

Dear Sirs

MANDATORY ELECTRONIC PAYMENT SCHEME FOR WAIVER APPLICATIONS & LODGEMENT OF MINOR ADDITIONS & ALTERATIONS (MAA) APPLICATIONS

As part of our effort to encourage electronic payment for transactions involving SCDF applications, from 1st Jan 2008, we shall be implementing mandatory electronic payment for fees for waiver applications and lodgement of Minor Addition and Alteration (MAA) works. As from this date, SCDF will not accept cheque payment for such applications.

2. The applicant could pay via any of the following electronic means:
 - i) NETS,
 - ii) Cashcard,
 - iii) Credit Card,
 - iv) GIRO,
 - v) Flexi-pay, or
 - vi) JAV (Government agencies who are NFS users can continue to pay via JAV)
3. SCDF will process the applications only after the full requisite fees are paid. The application will be rejected if payment is not received within four weeks from the date of acknowledgement letter.
4. We appreciate it if you could convey contents of this circular to your members. The circular is also available for viewing in CORENET-einfo:<http://www.corenet.gov.sg/einfo> and SCDF internet website – <http://www.scdf.gov.sg/>.
5. For enquiry or clarification, please contact Mr Ian Chan (on payment) at DID 68481603 or Lta Lau Heng Hui (on procedures) at DID: 68481413.

Yours faithfully,

(Transmitted thru' e-mail)

Poon Keng Soon
Secretary, FSSD Standing Committee
for Commissioner
Singapore Civil Defence Force

CD/FSSD/12/01/03/04

DID: 68481407

04 September 2007

FAX: 68481493

Dear Sirs

REPLACEMENT AIR FOR ENGINEERED SMOKE CONTROL SYSTEM

In industrial premises or for large enclosed spaces where engineered smoke control system is designed and installed, it was a practice to design replacement air to be induced via openings fitted with roller shutters at the unit frontage. When closed, these roller shutters will open automatically once receiving a fire signal from the building fire alarm system or dedicated local smoke detectors.

2. A study has been carried out to determine the suitability of openings installed with automatic roller shutters as a means of replacement air inlets for engineered smoke control system. It was found that the automatic roller shutters installed at these openings, normally at the frontage of warehouse/factory unit, are lockable type and when they are locked down, these roller shutters could not be opened automatically to serve as replacement air inlets for the effective operation of the engineered smoke control. It is crucial that replacement air is readily available at all time so as not to jeopardize the effectiveness of the design of the engineered smoke control system.

3. With immediate effect, if automatic roller shutters are to be used at replacement air inlets in the design and installation of engineered smoke control system, they shall be of perforated type having the required effective free area for the effective operation of the engineered smoke control system.

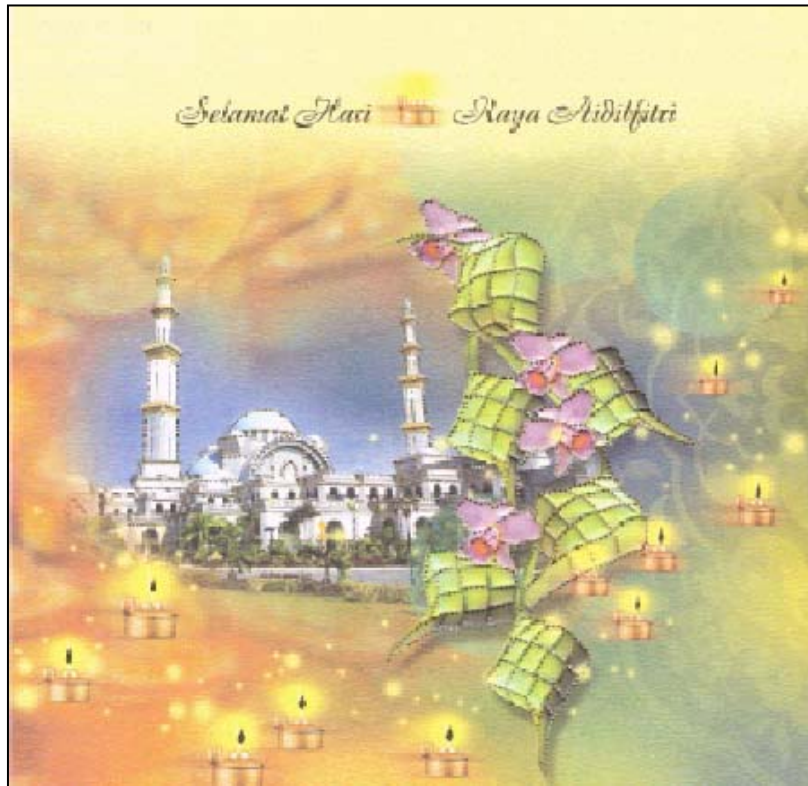
4. Please convey the contents of this circular to members of your Institution/Association/Board. This circular is also available in CORENET e-info, <http://www.corenet.gov.sg/einfo>.

5. For any inquiry or clarification, please contact Mr Vijayaratnam K. at Tel: 68481448 or e-mail address: vijayaratnam_KARUPPAIAH@scdf.gov.sg.

Yours faithfully,
(Transmitted thru' e-mail)

Poon Keng Soon
Secretary, FSSD Standing Committee
for Commissioner
Singapore Civil Defence Force

**The President and Council Members wish
all Muslim Members
Selamat Hari Raya Aidilfitri**



**And all Hindu Members
Happy Deepavali**

