

## DETAILS

### Beyond Fire Code – What Must I Know? - Friday, 25 May 2007

Seminar Fee:	
SIA Member	S\$ 84.00 (incl GST)
BOA/CIJC/IFE Member	S\$ 126.00 (incl GST)
Non-Member	S\$ 168.00 (incl GST)

Closing Date for Registration **18 May 2007**

Enquiry (call Ms Jasmine Chan) Tel: (65) 6226 2668  
Fax: (65) 6226 2663

## REGISTRATION

Name: \_\_\_\_\_  
(please underline Surname)

NRIC No: \_\_\_\_\_

Membership No: [ ] SIA \_\_\_\_\_

[ ] CIJC (Pls specify Institution) \_\_\_\_\_

[ ] BOA Reg No \_\_\_\_\_ [ ] Non-Member

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

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Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Bank/Cheque No: \_\_\_\_\_ Amount S\$ \_\_\_\_\_

Please forward your registration form and crossed cheque payable to "**Singapore Institute of Architects**" before the closing date to:



Ms Jasmine Chan  
Singapore Institute of Architects  
79B Neil Road, Singapore 088904

**Registration will be on a First-Come-First-Served basis and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed upon receipt of payment.**

Cheque payment for this activity **should not be** combined with payment for other SIA events/courses.

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if notification is made at least 7 days before the event.

Where a Non-Member replaces a Member (must be from the same organisation) the fee difference will have to be made good to SIA prior to the event.

## SYNOPSIS

### What Architects Should Know About Product Listing Scheme (PLS)

As an Architect, how much do you know about Product Listing Scheme? You are liable for the product / material that was submitted to and approved by you. What should you look up for when a test report was submitted to you? Mdm Eng would like to tell you her experience and her learning process.

### Plan submission requirements for flammable materials storage

Current flammable materials storage licensing regulations require that specific details of the flammable materials and the manner of their storage be reflected on building plans before storage licences will be issued and it is thus essential that architects preparing the building plans are familiar with the codes and regulations governing the storage of flammable materials. Dr Vickery will highlight the relevant codes and regulations and will discuss some of the key plan submission requirements.

### Sustainable Construction, Steel Frame Buildings & Fire Code

The move towards sustainable construction methods and step up of the use of recyclable building materials such as steel is the long term objective of the Sustainable Construction Master Plan recently rolled out by the Building and Construction Authority, to reduce the use of concrete as a key construction material by 30 to 50 percent over the next 5 years. Currently, 95% of the buildings in Singapore is constructed with reinforced concrete, but the switching of more commercial and residential building design to steel construction is inevitable. This presentation highlights the current fire code requirements you must know when you design a steel frame building and the considerations in selection of available fire protection materials for steel.

### Understanding Smoke Vents, Smoke Purging and Engineered Smoke Control Designs

There are several ways to control smoke movement in building to facilitate safe evacuation of occupants in a fire as well as to ensure safety of fire fighter responding to a fire operation. This presentation provides a basic understanding to the architects on how smoke control design can be incorporated into the building to comply with the requirements stipulated in the Fire Code 2002. The various designs utilising smoke vents, smoke purging and engineered smoke control methods will be discussed, including the approach of using performance based design.

## SINGAPORE INSTITUTE OF ARCHITECTS



Singapore Institute of Architects  
Seminar on

### Beyond Fire Code – What Must I Know?

Friday, 25 May 2007

- 1.30pm Registration
- 2.00pm Welcome Remarks by Singapore Institute of Architects
- 2.05pm What Architects Should Know About Product Listing Scheme (PLS) by Mdm Eng Yew Hoon
- 2.35pm Plan Submission Requirements For Flammable Materials Storage by Dr Chris Vickery
- 3.05pm Coffee Break
- 3.35pm Sustainable Construction, Steel Frame Buildings & Fire Code by Mr Song Yew Kee
- 4.05pm Understanding Smoke Vents, Smoke Purging and Engineered Smoke Control Designs by Mr Siew Yee Cheong
- 4.35pm Questions & Answers
- 5.05pm End of seminar

## VENUE

Civil Service College  
Auditorium – Level 1  
31 North Buona Vista Road  
Singapore 275983

## ACCREDITATION

A Singapore Institute of Architects (SIA) registered activity. Participating in this activity will accrue **6** points towards the requirements of the SIA Continuing Professional Development Programme.

Registered as a CES Provider of American Institute of Architects (AIA). Participation in this activity will accrue Learning Unit Hours.

Supported by the Royal Institute of British Architects (RIBA) as valid CPD Hours for its members.

CPD PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS

2007/048/ms/jc

**Mdm Eng Yew Hoon** - Mdm Eng is a partner in BJ Architects International. She has been actively involved in SIA Regulation Codes & Standards Committee since 1993. Over the years, she has representing SIA in the revision of Code of Practice for pollution control, revision of building control regulations, Fire Code Review Committees for the Fire Code 2002, revision of CP26 & CP72 with Spring. She is still contributing in the current Revise Code Committee reviewing the current Fire Code 2002. She is the Vice-Chairman of the Fire Safety Appeals Advisory Board appointed by Ministry Of Home Affairs.

**Mr Song Yew Kee** - Since 1987, Mr Song Yew Kee has been representing Singapore Institute of Architects, working very closely with Fire Safety & Shelter Department in various committees to review the several editions of Fire Code; to prepare illustration handbooks; to draft the performance based Fire Code and to review household & storey shelters' requirements. He is currently the Chairman of SIA - FSSD & Security Sub-Committee, representing SIA in FSSD Standing Committee and appointed as a member of the Fire Safety Appeals Advisory Board. Mr Song holds a Master of Fire Safety Engineering Degree, registered as a Fire Safety Engineer and a fire safety Registered Inspector. Mr Song also actively representing SIA in Spring Singapore technical committee for Lifts, Escalators & Passenger Conveyors; and work group committee for Fire Doors.

**Dr Chris Vickery** - Dr Vickery has been in practice in Singapore since 1979. He is currently the principal of his own architectural practice which he established in 1993. He is a member of the SIA – FSSD & Security Sub-Committee. Dr Vickery is a Registered Inspector.

**Mr Siew Yee Cheong** – Mr. Siew is a practising Professional Engineer, Registered Inspector and Fire Safety Engineer. He had worked in both the private and public sectors including the then Development & Building Control Div. and Mass Rapid Transit Corporation since 1978 before establishing his own practice under Integrated Building Consultants (IBC) in 1994. Besides providing professional services, he also teaches fire rated subjects in NUS and conducts training courses/lectures in China and Indonesia. Representing the Institution of Fire Engineers, Singapore (where he has been serving as its Vice President since the 90s'), he sits in the FSSD's Fire Code Review Committee and SCDF's Standing Committee and was the Chairperson of the Working Group responsible for the drafting of the revised SS CP52.