

## DETAILS

### In Depth Understanding of Fire Code – 24 June 2005 (Friday)

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

Closing Date for Registration : **17 June 2005**

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

## REGISTRATION

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

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

### INTRODUCTION

The SIA FSSD Sub-Committee has been presenting successful seminars on Fire Code Clauses for the last 3 consecutive years with many positive proposals and encouraging feedback from our members and attendees. This year our Committee is pleased to organise yet another informative seminar on the Fire Code 2002 emphasising on pertinent issues and topics that have been a challenge to practitioners/QPs and often overlooked.

The key talking point of this seminar is to examine ways of looking at some difficult situations in the papers below, using several real case studies to illustrate the problems and providing solutions to these matters from an architect's point of view. These crucial topics presented will not only have significant importance in design consideration but also will influence the QPs inspection procedures & expectations in fire safety measures. It is hoped that practitioners/QPs will find this coming seminar helpful in gaining an insight into these issues and useful in interpretation of the Fire Code 2002.

### Calculation of Unprotected Area

*by Mdm Eng Yew Hoon – Partner of BJ Architects International*

Calculation of unprotected area is always a challenge to architects as it affects not only the elevational treatment, but also the building's setback. Mdm Eng will take you through the calculation process and highlight some tricky situations often overlooked by architects and offers some tips to overcome the problems.

### Concealed Space & Material Used

*By Mr. Gerald Tay – Architect of Tay & Wong Associates*

In our submission and inspection of fire safety works, there are pertinent issues on concealed space to be aware of when planning for fire safety measures to the proposed building works, that may not be reflected or clearly reflected in our plans and during inspection. This paper will address and explore such issues in detail.

### Means Of Escape

*By Mr. Goh Bak Hooi – Senior Associate of Kung & Tan Architects*

One of the critical elements in fire safety design is the provision of sufficient means of escape for occupants in the event of a fire emergency. Accordingly this talk will focus on several important topics concerned with the design of exit facilities.

### Exit Signs and Emergency Lighting in Buildings – The Right Design Approach

*by Mr. Song Yew Kee – Senior Associate of DP Architects Pte Ltd*

A common scenario in many fire emergencies involves terrified and disoriented building occupants groping through smoke and darkness. Their lives were in danger and they could not find their way out. The evacuation of these people would have been greatly facilitated if only the exit signs had been visible, the exit directional signs had clearly marked the escape routes and the emergency lighting had been adequately provided to permit safe evacuation. This paper provides the practitioners with an in depth understanding of the local and overseas codes' requirements and the right design approach.

## PROFILE

**Mdm Eng Yew Hoon** - Mdm Eng is a qualified architect with vast experience in residential and industrial projects. She was a part time lecturer of Singapore Polytechnics in 1997. She is also a Registered Inspection for FSSD, holding FSM certificate and is actively involved in SIA Regulation Codes & Standards Committee since 1993. Over the years, she has contributed in the revision of Code of Practice for pollution control, revision of building control regulations, revision of fire code 2002. She has just completed the revision of CP26 with Spring and currently actively involve in revision of CP72 with Spring and Fire Code 2002 with FSSD. She is invited by SIA as a member on the Expert Witness Panel (2004/2005).

## SINGAPORE INSTITUTE OF ARCHITECTS



**Mr Gerald Tay** – Mr Tay is a Practicing Architect in the private sector since year 2001 and currently serving the SIA FSSD sub-committee. He oversees all in-house projects' submission to FSSD.

**Mr Goh Bak Hooi** – Mr Goh is a registered architect with over 10 years of practical experience. He has been involved in designing various building types in Singapore and Australia. He is a senior associate of a local firm specializing in industrial development. Currently he is a member of the SIA- FSSD and BCA Sub-committee.

**Mr Song Yew Kee** - Mr. Song performs the significant role of in-house fire safety advisor and has vast experience in fire safety design of different types of major buildings in Singapore, China and the Middle East. He is actively involved in SIA Regulation, Codes & Standards Committee since 1987, representing SIA in the Fire Code Review Committees for the Fire Code 1991; the Handbooks for Fire Code 1997; Fire Code 2002 and its performance-based provision; and in the current Committee which is reviewing the Fire Code 2002.

Mr. Song is a registered Architect, a Registered Inspector and a Registered Fire Safety Engineer, Singapore. He possessed a Master of Fire Safety Engineering, University of Western Sydney, Australia (in collaboration with Civil Defence Academy, Singapore). He is invited by SIA as a member on the Expert Witness Panel.



SIA seminar on

## In Depth Understanding of Fire Code

**Friday, 24 June 2005**

- 1.30 pm Registration**
- 2.00 pm Welcome Address by SIA**
- 2.10 pm Calculation of Unprotected Area by Mdm Eng Yew Hoon**
- 2.40 pm Concealed Space & Material Used by Mr Gerald Tay**
- 3.10 pm Coffee break**
- 3.45 pm Means Of Escape by Mr Goh Bak Hooi**
- 4.15 pm Exit Signs and Emergency Lighting in Buildings – The Right Design Approach by Mr. Song Yew Kee**
- 4.45 pm Questions & Answers**
- 5.30 pm End of Seminar**

## VENUE

**Civil Service College  
Auditorium, Level 1  
31 North Buona Vista Road**

## 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.