

SIA Event:

Fire Safety & Security Committee 2017 Seminar - "Do You Know The Fire Code?"

1.00pm - Registration

*2.00pm - Presentation by **Mdm Eng Yew Hoon**
"Roles of Architects in Chapters 6 & 7 of Fire
Code 2013"*

*2.30pm - Presentation by **Mr Lau Kwong Chung &
Dr Leong POON**
"What Architects Should Know About
Performance Based Design"*

3.00pm - Tea Break

*3.30pm - Presentation by **Mr Tan Beng Leong**
"Main differences between Standard for Fire
Safety in Rapid Transit System Code (SFSRTS)
and Fire Code"*

*4.00pm - Presentation by **Mr Markus Cheng**
"Common Non-compliance in Fire Plan"*

4.30pm - Q&A Session

5.00pm - End of Program

EVENT DETAILS

Date : **19 May 2017, Friday**

Time : **2.00pm - 5.00pm**
(Registration will start from 1.00pm)

Venue : **The Matrix Auditorium**
30 Biopolis Street,
Level 2, Matrix Building,
Singapore 138671

(Venue & Carpark Maps:
http://apex.sia.org.sg/xshare/Matrix_Directional_Sign.pdf)

BOA-SIA CPD : **6 CPD points**

Closing date : **11 May 2017**

Seminar fees : **SIA Members (\$120.00),
Non Members (\$240.00)**
(fees inclusive of GST)

For more information, please contact SIA (**Ms Jacey Tay**):

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

Organized by:



CPD PROGRAMME: 2017/034/MS/JT

GST REG. NO.: M9-0001281-J
G.N. No. 565 in Gazette No. 27

Fire Safety & Security Committee 2017 Seminar - "Do You Know The Fire Code?"



1st Presentation Topic "Roles of Architects in Chapters 6 & 7 of Fire Code 2013"

Mdm Eng Yew Hoon
Principal Architect
EZY Architects

Profile:

Mdm Eng is the principal architect of EZY architects and an Registered Inspector (Arch) . She has been actively involved in SIA Regulation Codes & Standards Committee since 1993.

Over the years, she has been representing SIA in many different committees and involved in revision of various Codes such as Code of Practice for pollution control, revision of Building Control Regulations, CP26, CP72, CP1 and the recent SS542.

She has involved in Fire Code review since 2000 including finalization of Fire code 2002, 2007,2013 and the ongoing revision of 2013 Code for the next release in 2018 ,
Her involvement of Fire Safety In Rapid Transit Systems 2012 has also lead her to be reappointed by The Commissioner of SCDF to review for the next release of FSRTS 2017

She has been re-appointed by the Commissioner of SCDF as the member of FSSD Audit inquiry Committee from 2016-2018.

She was appointed by Ministry Of Home Affairs as the Chairperson of the Fire Safety Appeals Advisory Board from 2012 to 2016.

Attributed to her contribution in volunteer works in SCDF, she was awarded "SCDF Star Customer Award 2012" and conferred the Public Service Medal (PBM) in 2013.

Synopsis:

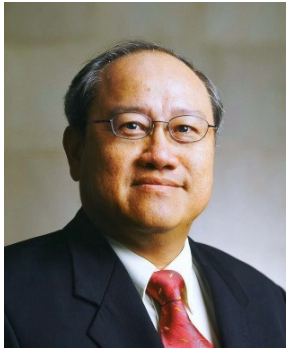
Architects and M&E Engineers have a peculiar relationship ever since the release of SCDF circular on 14Jan2010 to make clearer delineation two of responsibilities between RI of the two disciplines under the Fire Safety (Registered Inspectors) Regulation 1994.

Some M&E Engineers see determining fire safety provisions as outside their scope of works and hence withholding their advice on M&E fire safety requirements. As a result, Architects may be left to determine fire safety provisions (including M&E related) for their projects in their own capacity. Architects are required to first determine the M&E fire safety provisions for the projects before M&E Engineers comes in with further recommendations to enhance and design the provisions/systems. It is, therefore imperative for Architects to understand Chapter 6 & 7 to be able to determine the right provisions so as not to be caught out or penalised for inappropriate provisions or non-provisions.

Mdm. Eng will read Chapter 6 & 7 from the Architect's point of view and extract critical information relevant to Architects for a good understanding of the two chapters.

Fire Safety & Security Committee 2017 Seminar - "Do You Know The Fire Code?"

2nd Presentation Topic "What Architects Should Know About Performance Based Design"



Mr Lau Kwong Chung
Director
LT&T Avid Architects Pte Ltd



Dr Leong POON
Director
Leong Poon & Associates

Profile:

Mr Lau is the Director of LT&T AVID ARCHITECTS Pte Ltd since October 2015. He was a Partner in LT&T ARCHITECTS between 1988 and 2015 before the merger.

He was actively involved in SCDF 1993 Fire Code review and the subsequent revisions of Fire Code until 2007. He had given many talks on Fire Safety and Precaution between 2000 and 2005. After obtaining his Master Degree in Fire Safety Engineering in 2001 and until to date, he has involved in many Performance Based Fire Engineering Works for Architectural Registered Inspector.

He is currently appointed by SCDF as a member of the Fire Standing Committee and Registered Inspector Inquiry Committee.

Dr Poon, MIES, MHKIE, MIEAust, CPEng, SFS, ATS, NPER (FSE,Aus), FSE (HK, M'sia, S'pore)
Fire Safety Engineer

Leong is a registered Fire Safety Engineer in Australia, Singapore and Malaysia. He has over 25 years' experience in performance-and risk based aspects in fire safety design for a wide range of building and infrastructure projects. Leong has authored over 70 publications in this field and has helped contribute towards fire safety and engineering analytical techniques for performance-based design, including steel and composite structures. He has a PhD in Building Fire Safety which focuses on fire characterisation and human behaviour in occupant movement – both of which are key parameters in fire and life safety assessment. Leong specializes in the design against fire safety hazards in large buildings (eg convention centres, multi-level shopping complexes & carparks, stadiums, etc), tall buildings, and also infrastructure projects which includes, road and rail tunnels, underground and aboveground stations and airports. He has served on a number of technical committees on fire safety in various countries including Australia, Singapore, Malaysia and Dubai

Synopsis:

The Performance-Based regulatory system in Singapore was officially launched on 1 July 2004.

The Performance-Based approach involves proposing an alternative solution which fully meets the intent of the Fire Code using established fire safety engineering methodology. The scope for Performance Based Design seems wide open; however, the extent of what Performance Based Design can achieve has not been fully explored due to a range of limitations. This presentation outlines the Performance Based Design approaches originally introduced in the 1996 Fire Engineering Guidelines and the associated limitations which have resulted in the current practice which exists today.

Fire Safety & Security Committee 2017 Seminar - "Do You Know The Fire Code?"



3rd Presentation Topic "Main differences between Standard for Fire Safety in Rapid Transit System Code (SFSRTS) and Fire Code"

Mr Tan Beng Leong
Principal
TBL Architects

Profile:

Beng Leong graduated from the National University of Singapore (NUS) with a Bachelor of Arts in Architectural Studies and a Bachelor of Architecture Degree. He has also obtained a post-graduate Masters of Science in Real Estate from the Building & Estate Management Faculty and a Graduate Certificate in International Arbitration from the Faculty of Law, NUS. He is a Registered Architect and a Fellow of the Singapore Institute of Arbitrators.

He is currently serving on SIA Fire sub-committee and Standard for Fire Safety in Rapid Transit System Code (SFSRTS) review committee with SCDF and LTA. He has been a consultant for a fire engineering firm on the Architectural design aspects of Fire & Life Safety for several MRT stations.

His resume covers large professional firms such as RSP Architects, Planners & Engineers Pte Ltd, Meinhardt (S) Pte Ltd and CPG Consultants Pte Ltd. His main base is in Singapore. He has also worked in London and Dubai on large projects.

Synopsis:

This seminar is to highlight the main differences between Standard for Fire Safety in Rapid Transit System Code (SFSRTS) and the Fire Code for designers/QP embarking on MRT projects. MRT Station design is based on SFSRTS and not the Fire Code. Though both SFSRTS and Fire Code are prescriptive codes, there are significant differences in approaches to safe evacuation; and this seminar seeks to assist designers/QPs to know where the differences lie and understanding the reasons for these differences.



4th Presentation Topic "Common Non-compliance in Fire Plan"

Mr Markus Cheng
Associate Partner
ADDP Architects LLP

Profile:

Markus is an Associate Partner of ADDP ARCHITECTS LLP with more than 18 years of practice with diverse experiences in different building types especially in condominium, mixed development and Industrial. He has been serving SIA FSSB Sub-Committee for the past 10 years.

Synopsis:

The talk focus on some of the common non-compliance found during fire plan audit, which most Architects and Professional Engineers overlook during Fire Plan submission. This paper will cover broadly in different purposes groups namely PG 2, 3, 4, 6 & 7 highlighting relevant clauses and issues.

He will elaborate on some of the critical mistakes or misconception using case studies and examples to allow a better understanding of some of the non-compliance.

Application Form

EVENT DETAIL

GST REG. NO.: M9-0001281-J
G.N. No. 565 in Gazette No. 27

Seminar : Fire Safety & Security Committee 2017 Seminar - "Do You Know The Fire Code?"
Date : 19 May 2017, Friday
Time : 2.00PM - 5.00PM (Registration will start from 1.00pm onwards)
Venue : The Matrix Auditorium [30 Biopolis Street, Level 2, Matrix Building, Singapore 138671]
(http://apex.sia.org.sg/xshare/Matrix_Directional_Sign.pdf - pls click for venue and carpark maps)
BOA-SIA CPD : 6 CPD points
Seminar fee : \$120.00 (SIA Members), \$240.00 (Non Members) – fees inclusive of GST
Closing date : 11 May 2017

Please fax / email the completed registration form to Ms Jacey Tay:

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

[PRA]

And follow up with cheque / cash / online payment to Singapore Institute of Architects.

Please tick your mode of payment:

☐ Cheque

Bank/Chq # : Amt S\$:

Local Cheque (must be drawn in Singapore) should be crossed and made payable to "Singapore Institute of Architects".

Mail to SIA address:

Singapore Institute of Architects

79B Neil Road, Singapore 088904

Please indicate your name, company/institution and course date/title on the back of the cheque.

[] Cash

You can drop by SIA office to make cash payment between 9.30am – 5.30pm on weekdays.

[] Online Payment

<http://members.sia.org.sg/payment/sia-20170519.html>

(It is mandatory to provide us with your Receipt ID # after your credit card payment transaction)

Receipt ID #:

--	--	--	--

Participant's Detail

Organization: _____ Contact Person (if any): _____

Tel: Fax: Email:

Receipt Mailing Address: _____

S (

Full Name of Participant

NRIC / FIN #

Email

Amt

(as per NRIC/FIN, pls underline surname)

1				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: []	<input type="checkbox"/> Non Member, BOA # (if any): []
2				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: []	<input type="checkbox"/> Non Member, BOA # (if any): []
3				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: []	<input type="checkbox"/> Non Member, BOA # (if any): []
4				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: []	<input type="checkbox"/> Non Member, BOA # (if any): []
5				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: []	<input type="checkbox"/> Non Member, BOA # (if any): []
6				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: []	<input type="checkbox"/> Non Member, BOA # (if any): []

****Please take note that all the above fields are mandatory. Incomplete form will not be process.**

Total:

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 written notification is made at least 3 days before the event.

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

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.

Registration Confirmation No.:-

--

