

Chairman
 Young Engineers Section
 c/o The Institution of Engineers, Malaysia
 P O Box 223 (Jalan Sultan), 46720 Petaling Jaya
 Tel No: 03-7968 4001/02 Fax : 03-7957 7678

**CLOSING DATE:
 1 DEC 2014**

Email: aklanie@iem.org.my
 Website: www.myiem.org.my

REGISTRATION FORM

No	Name (s)	M'ship No	Grade	Fees (RM)
			Total Payable	

Enclosed herewith a cheque No. : _____ for the sum of RM _____ issued in favour of **"The Institution of Engineers, Malaysia"** and crossed **'A/C Payee Only'**. I/We understand that the fee is not refundable if I/we withdraw after my/our registration is accepted by the Committee but substitution of participants will be allowed. If I/we fail to attend the course, the fee paid would not be refunded.

Contact Person:

Designation:

Name of Organization:

Address:

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Tel (O) :

Tel (HP) :

Fax No. :

E-mail:

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Signature & Stamp

Date

(Photocopies are acceptable)

**BEM Approved
 CPD/PDP Hours: 6.5
 Ref No: IEM14/HQ/380/S**



**One Day Seminar on
 Underground Car Park Smoke Control Design**

Jointly organised by:
 Young Engineers Section (YES), IEM
 & Young Professional Network (YPN), IFE (UK) Malaysia Branch

Date : 4th December 2014 (Thursday)

Time : 9.00 a.m. - 5.00 p.m.

Venue : Tan Sri Prof. Chin Fung Kee Auditorium,
 3rd Floor, Wisma IEM, Petaling Jaya

Speaker : Mr. Hao-giang Tay FIFireE, Deputy President,
 The Institution of Fire Engineers (UK) Malaysia Branch

Registration Fee:

Grade	Online Registration	Normal Registration
IEM Student Member	RM 150.00	RM 180.00
IEM Graduate Member	RM 250.00	RM 300.00
IEM Corporate Member	RM 400.00	RM 450.00
IFE Member	RM 400.00	RM 450.00
Non - Member	RM 550.00	RM 600.00

Closing Date: 1st DEC 2014

Online registration and payment at www.myiem.org.my

must be made **before 1st December 2014** or it will be reverted to normal rate.

Registration via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as normal registration



SYNOPSIS

Underground Car Park Smoke Control Design

Modern fire of synthetic nature generates large amount of smoke particles on top of high heat release rate. Car fire in underground car park should it happened deals not only with synthetic fire but also potential explosive environment. Vehicle fire in enclosed environment posed a problem for evacuation as well as search and rescue operation not to mentioned location of fire source of origin with rapid heat and smoke propagation. This training session look at the danger of car fire in underground basement car park and implication for evacuation, the design Codes and Standards, UBBL requirements, appropriate smoke extract systems, advantage and limitation of types of smoke attract systems and compatibility between smoke extract system and sprinkler systems, full-scale fire investigation on jet fan.

For underground car park smoke extract system, the objective and fundamentals should be clearly defined in order to achieve the desired result of live safety for both public and firefighters. All systems designed should also have clear criteria for validation to ensure system function to meet design objectives. Paper will also look at design principle of “Ventilation”, “Smoke Extraction”, “Dilution” and “Smoke Layers”.

All design consultants, smoke extract design engineers, system suppliers are encourage attending.

<u>Time</u>	<u>Tentative Programme</u>
0900	Introduction Fire and Smoke Behaviour Q & A
1015	Tea Break
1030	International Fire Incidents and Lessons Learnt Latest Design Concept and Standards for Smoke Control Q & A
1300	Lunch Break
1400	Latest Design Concept and Standards for Smoke Control
1530	Tea Break
1545	Latest Design Concept and Standards for Smoke Control Q & A
1700	End of Seminar

SPEAKER

Mr. Hao-giang Tay FIFireE

Deputy President

The Institution of Fire Engineers (UK) Malaysia Branch

Mr. H.G Tay is a qualified and experienced Fire Engineer. He is a graduate of Heriot-Watt University and a graduate of University of Edinburgh, Scotland with a Master of Science Degree in Fire Safety Engineering.

As the principal fire consultant of Fire Safety Engineering firm, he has vast knowledge and over 34 years of experience in fire engineering. His firm provides advice and consultancy service to corporate clients with a holistic approach to sustainable fire safety engineering and business continuity. He is also involved in performance-based fire safety design. His specialties lies in practical modern fire

engineering concept and design in terms of fire risk assessment and management; fire protection engineering, life safety and mass evacuation design; mitigation of fire hazards and fire risks, emergency response planning and management.

Mr. HG Tay is the Deputy President of The Institution of Fire Engineers Malaysia Branch, Past International President and a member of the Board of Directors. He is an active member of LinkedIn professional network promoting the Institution as well as sharing fire safety engineering knowledge and experience with all fire professionals in the world.

Actively involved in Malaysian Standards development for more than two decades, his technical committee has developed series of performance-based National Standards for the Malaysian fire industry. He co-authored the technical reference book “Guide to Fire Protection in Malaysia” which is an explanatory guide to Malaysian Building Regulation. Guide to Fire Protection in Malaysia is now an official guide for fire officers, professional engineers and architects, developers, contractors, building owners, students, etc.

On the personal level, he has conducted many studies to establish the way forward for sustainable fire engineering concept and published these findings. He is one of the panel CPD lecturers for Fire and Rescue Department Malaysia, The Institution of Architects Malaysia as well as The Institution of Engineers Malaysia. He has also been invited for IEM and ACEM seminars and conferences.

He has been invited as an International speaker at Fire conferences in countries such as United States of America, Australia, Hong Kong, Singapore, Philippines, India, Taiwan, United Kingdom, Scotland, South Africa, Netherland, Republic of Ireland and U.A.E. His latest paper “Integrated Fire Safety Engineering – The Way Forward” was delivered at the Europe Fire Advisory Forum 2013, Prague, Republic of Czechoslovakia.

He is not only a learned fire engineering professional but also a good lecturer and presenter.

Terms & Conditions:

- For **ONLINE REGISTRATION**, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current; Credit Card - Visa/Master]. Please note that payment **MUST** be made “**ONLINE**” **before the closing date**. If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as **NORMAL REGISTRATION**.
- FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant made payment and failed to attend the course, the fee paid is non-refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment

If you require further details or clarifications kindly contact the IEM Secretariat at:

The Institution of Engineers, Malaysia
Lot 60/62, Jalan 52/4, 46720 Petaling Jaya
Selangor Darul Ehsan

Tel No: 03-7968 4001/02 Fax: 03-7957 7678

Email: aklanie@iem.org.my Website: www.myiem.org.my