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REGISTRATION FORM

One-Day Seminar on Construction Blasting
 4 June 2014 at Wisma IEM, Petaling Jaya
Closing Date : 31 MAY 2014

No	Name(s)	M'ship No.	Grade	Fee (RM)*
Total Payable				

*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.

Enclosed herewith a crossed 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 application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

Photocopies are acceptable



The Institution of Engineers, Malaysia

**ONE-DAY SEMINAR ON
 CONSTRUCTION BLASTING:
 CURRENT ISSUES**

Date : 4 June 2014 (Wednesday)
 Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor
 Wisma IEM, Petaling Jaya, Selangor
 Time : 9.00 a.m. - 5.00 p.m.

Organised By:
 Oil, Gas and Mining Technical Division, IEM

BEM Approved
 CPD/PDP: 6 Hours
 Ref No: IEM14/HQ/168/S

REGISTRATION FEES		
	ONLINE	NORMAL (Offline)
IEM Student Member	RM 230.00	RM 250.00
IEM Graduate Member	RM 380.00	RM 400.00
IEM Corporate Member	RM 380.00	RM 400.00
Non IEM Member	RM 430.00	RM 450.00

IMPORTANT NOTES

- Closing Date : 31st MAY 2014 (SATURDAY)
- For ONLINE REGISTRATION, payment MUST BE MADE VIA ONLINE PAYMENT [via RHB Now and Maybank2u - Personal Saving & Personal Current; Any Credit Card - Visa/Master]. If payment is not received within the stipulated time, the registration fee will automatically be reverted to the normal fee.
- Payment via CASH/CHEQUE/BANK-IN TRANSMISSION/BANK DRAFT/MONEY ORDER/ POSTAL ORDER/LOU/LOG/WALK -IN will be considered as NORMAL REGISTRATION
- FULL PAYMENT must be settled before commencement of the event, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non-refundable. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.
- The Organising Committee reserves the right to alter or change the programme due to unforeseen circumstances.

Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

Synopsis

As a result of fast pace development housing, business centres, factories etc are being built near existing structures. Development within city areas for examples requires firm foundation below the surface where underground space are also used as car parks, LRT stations, bus station etc. Excavation of underground space requires the removal of soil and also rocks. In both Selangor and Penang Island the need for building new houses for expanding population requires the cutting and levelling of hilly areas. All these require the use of explosives.

Blasting of rock using explosives near existing structures especially where people live requires special expertise which ordinary shotfirers and even blasting engineers do not learn even in universities. Experience and guide from experienced engineers are needed to ensure successful and safe blasting work.

This one day seminar will discuss the current Regulatory requirements, procedures and also the need for proper competence persons to ensure the safety of the blasting work at construction sites. Standards that are being used as references will also be discussed. Current methodology being practiced will also be shown and case studies from previous project locally and overseas will also be referred.

Not forgetting, the peril of blasting work may result in incidents such as flyrock issues which had caused property damages and sometimes can be fatal. These incidents may result in long work stoppages. Techniques being applied to mitigate flyrock issues and also other environmental issues will be presented. The alternatives means of breaking rocks will also be discussed.

Seminar Schedule &Outline

08:30 – 09:00	Registration
09:00 – 10:30	Regulatory considerations for construction blasting
10:30 – 11:00	Tea Break
11:00 – 13:00	Types of Controlled Blasting at Construction Area
13:00 – 14:00	Lunch Break
14:00 – 16:00	Adverse Environment Effect of Blasting with special reference to flyrock incidents
16:00 – 16.15	Tea Break
16:15 – 17:00	Q&A

The seminar will be of interest to those who are likely to manage or even involved in Blasting work at Construction sites such as Project Engineers, Consulting Mining and Civil and Geotechnical Engineers, Contractors, Safety Officers, Majlis Daerah dan Perbandaran, Jabatan Kerja Raya and those who need to know about blasting work.

This is the first of many series of lectures on Construction Blasting.

About The Speaker

1. Ir. Tony Chew

Topic: Regulatory considerations for construction blasting

He graduated in 1999 with B. Eng (Mineral Resources Engineering) from Universiti Sains Malaysia. He joined the Department of Minerals and Geoscience (JMG) as a Mines Officer in 2000. From 2001-2011, he served as Mines Officer in Sabah. In 2005, he graduated with Master of Business Administration from Universiti Sabah Malaysia. Currently he is the Deputy Director of Department of Minerals & Geoscience Selangor heading the Mining and Quarry Division and is also in charge of overseeing all construction blasting work in the State of Selangor. JMG oversees all the Construction Blasting work in the state of Selangor as the expert Department and set the policy and operational conditions to ensure the safety of blasting work

2. Juna Azleen Bin Abdul Ghani

Topic: Types of Controlled Blasting at Construction Area

Juna Azlin graduated from University of Science Malaysia in 1998 with Degree in Mineral Resources Engineering. After graduation he worked with Kota Minerals and Chemicals Sdn Bhd as Drilling Fluid Engineer , then as a Metallurgist with Penjom Gold Mines and finally in year 2000 joined Mineral and Geoscience Department as Mines Officer serving in many states. He is now the Deputy Director for the States of Kedah, Pulau Pinang and Perlis heading the Mining and Quarry Division. He also oversees and also coordinates the Construction Blasting work in those states. In year 2012 he was conferred the Master's degree by USM specialising in Blasting technology

3. Ir. Hj Look Keman Bin Sahari

Topic: Adverse Environment Effect of Blasting with special reference to flyrock incidents

He graduated in 1979 with B. Sc (Mining Engineering) from Strathclyde University, Glasgow, Scotland. He joined the Research Division of the Mine Department as a Research Officer in the Mining technology/ Geotechnical Engineering Division specialising in slope engineering. From 1983-1996 he served as Inspector of Mines within the same Department (now part of JMG) in Perak, Selangor, Melaka and Negeri Sembilan. In 1990 he furthers his studies (M.Sc in Explosives Ordnance Engineering) at Royal Military College of Science, Cranfield University, England. He had also attended course on Open Pit Blasting and Underground Mining at Queen's University Canada in 1995 and also Advance Blasting Courses locally. In 2012 he attended a Tunnelling Workshop by Drill & Blast at New Delhi, India He had also given regular lectures on Shotfiring Techniques at Institute of Quarrying and also lectures on Construction blasting at IEM. He retired in 1996 from the Government Service and has been working as Consultant /Blasting Engineer specialising in Explosives and Rock Blasting ever since.