Tel (Office) :	Registration Form:	ONE DAY WORKSHOP ON ROCK BLASTING A	ND EXPLOSIVE ENGINE	ERING
Hand Phone: Tel (Office): Fax: Designation: J/We wish to enrol the following person(s) for the above-mentioned Course: Name M/ship No. Reg. Fee (RM) SUB TOTAL ADD GST @ 6% TOTAL PAYABLE Enclosed herewith a crossed cheque No. 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/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.	Name of Organisation:			
Tel (Office) :	Mailing Address:			
SUB TOTAL ADD GST @ 6% TOTAL PAYABLE Enclosed herewith a crossed cheque No	Contact Person :	Fax : Designation :		
ADD GST @ 6% TOTAL PAYABLE Enclosed herewith a crossed cheque No	Name		M/ship No.	Reg. Fee (RM)
ADD GST @ 6% TOTAL PAYABLE Enclosed herewith a crossed cheque No				
ADD GST @ 6% TOTAL PAYABLE Enclosed herewith a crossed cheque No				
TOTAL PAYABLE 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/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.			SUB TOTAL	
Enclosed herewith a crossed cheque No			ADD GST @ 6%	
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/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.			TOTAL PAYABLE	
Signature: Date:	Engineers, Malaysia" and capplication is/are accepted	rossed 'A/C payee only'. I/We understand that the feel by the Organizing Committee but substitution of par	e is not refundable if I/we	withdraw after my/our
	Signature:	Date:		

Registration Fee (GST not included)

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	RM 150	RM 180
IEM GRADUATE MEMBER	RM 250	RM 300
IEM CORPORATE MEMBER	RM 400	RM 450
NON-IEM MEMBER	RM 550	RM 650



- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable (via RHB and Maybank2u Personal Saying & Personal Current : Credit Card - Visa/Master].
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK considered as NORMAL REGISTRATION
- FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be a place is reserved and the intended participants fail to attend the course, the fee is to be settled in
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program. will be made to inform the registered participants of any changes. In view of th advised to send their registrations as early as possible so as to avoid

Tentative Programme

8:30 - 09:00	Registration	: pd \ \	latio system (Plain detonator and Safety Fuse)
9:00 - 10:30	Introduction [Ir. Hj Look Keman Sahari]		Hj Look Keman Sahari & Mr. Mohamad Razif Kemat]
.0.30 - 10.45	Tea Break	30 15.50	Initiation System (Electric and Non-Electric)
.0.45 - 11.30	Commercial Explosive [Mr.Yap Hong Hor]		[Ir. Hj Look Keman Sahari & Mr. Mohamad Razif Kemat]
1.30 - 12.30	ANFO and Emulsion [Mr.Yap Hong Hor]	15:00 - 15:30	Initiation System (Detonating Cord and Electronic)
2.30 - 1.00	Package Explosive and Booster [Mr.Yap]		[Ir. Hj Look Keman Sahari & Mr. Mohamad Razif Kemat]
3:00 - 14:00	Lunch Break	15:30 - 16:00	Tea Break
		16:00 - 17:00	Conclusion / O&A

Correspondence

The Institution of Engineers, Malaysia Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O.Box 223 (Jalan Sultan). 46720 Petaling Jaya, Selangor Darul Ehsan

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Email: norshafigah@iem.org.my (Ms. Norshafigah)



ONE-DAY WORKSHOP ON ROCK BLASTING AND EXPLOSIVE ENGINEERING

: 11 AUGUST 2015 (TUESDAY) Date

BEM Approved CPD/PDP: 6 hours Ref. No.: IEM15/HQ/211/W

9:00 am - 5.00 pm

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

Ir. Hj Look Keman Sahari, Mr. Yap Hong Hor & Mr. Mohamad Razif Kemat Speakers

> Organised and hosted by Oil, Gas and Mining Technical Division, IEM

Synopsis

Time

Venue

Explosive contribution to the National development is immense. Without it, we would not be enjoying of what we have now. We have taken some many things for granted, like good roads and tunnels that we are using today in our daily life; and good houses, ports, airports and shops that we are having now. They are all made up of aggregates, and explosives are used to break gregates. Besides, explosive is also being used to remove rocks to empty the space for building ts. Furthermore, mining operation and oil exploration also require explosives as well. All these will be used products, like the electronic gadgets which require plastics and electronic chips. As a result, newhere along the production chain.

series of Courses on the Application of Explosives in mining, quarrying and Construction industries and other professionals such as Safety personnel who need to know how explosives are used safely rock blasting operation, mining, qua and construction industries. The Workshop will introduce the pplication and suitability of particular explosives for a particular of explosives used in the comp e, will determine the degree of disturbance to the public and the ication. The right choice of an initiation potential complaints from them in a blasting project. This may also help the project manager to understand the proposal ma blasting engineer for a particular blasting project instead of just depend on blasting cor on the cheapest costs.

The Workshop is who wish to learn about the productive use of explosives in our life. It ive products (dummy samples) used in our industries.

Spe

graduated in mining engineering in 1979 from Strathclyde University and M.Sc in Explosives Ordnance from Joyal Military College of Science, Cranfield University in 1991. He worked for 17 years with the Mines (Now JMG) and retired in 1996. He now work as Consultant Engineer specializing in Explosives, mining and ction. He is a committee member of Oil & Gas and Mining technical Division. He had given many lectures on application of explosives in quarrying construction and demolition at IEM. He also regularly gives lectures on the Shotfirer Courses conducted by Institute of Quarrying, Malaysia and supported by Jabatan Mineral and Geoscience.

Mr. Yap Hong Hor graduated with a B.Sc in Chemistry and further obtained a M.Sc from the University of Manchester Institute of Science and Technology in 1976. He held the title of a Chartered Chemist and also a Member of the British Royal Chemical Society. He initially joined Tenaga Kimia Snd Bhd as a Chemist in the late 70's, with responsibilities in QC and R&D work for twocomponent explosive. In 1983, he was further trained in Nitro Nobel Sweden in the latest technology in 3rd generation Emulsion high explosive. He later assumed the position of Technical Manager and was responsible for all technical matters, technomarketing as well as technical services to users in the whole of Malaysia. He also helped Tenaga Kimia pursued newer technologies such as Bulk Emulsion in late 1990's, as well as instrumental in the set up of a Non-electric detonator plant. As Tenaga Kimia expands vigorously regionally, Mr Yap was called upon to build ad serve in a JV company in Thailand from 2006 to 2013. He travels widely to conduct training and holds talks on various subject concerning explosives and safety. He is also the previous trainer for Shotfirer courses conducted by the Police and Mine Dept.

Mr. Mohamad Razif Kemat (Demonstrator) graduated from University Sains Malaysia in Mineral Resources Engineering in 2006.He had 2 years working experience with Apex Granite Sdn Bhd Muar (Hap Seng Quarry) as quarry engineer and 7 years with Tenaga Kimia Sdn Bhd. Joined as Technical Engineer and was promoted as Technical Services Manager in 2013. Went to Cambodia, Brunei and Thailand for giving product knowledge and troubleshooting services in seismic explosive exploration with CGG companies as well as Nippon exploration Oil & Gas in Miri, Sarawak. More than a year working and involved with Phu Bia Copper Gold Mine and BHX Site Laos, Akara Mining Copper-Gold Mine Thailand and BUMA-Leighton Coal Mine Kalimantan Indonesia Project. Giving a training for some subsidiaries on product application at Philippines (tunnel and underground blasting), Singapore (underground electronic det), and Vietnam. He attended Electronic Det training at Kentucky, Atlanta and Texas US under DYNO NOBEL US with expertise in signature whole analysis. Members of EFEE (European Federation Explosive Engineers) in 2010 and ISEE (International Society Explosive Engineers).