



# The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan

Tel: 603-7968 4001/2 Fax: 603-7957 7678

E-mail : [sec@iem.org.my](mailto:sec@iem.org.my) IEM Homepage : <http://www.myiem.org.my>

## TALK ON CONTROLLED BLASTING AT CONSTRUCTION SITES IN SELANGOR/WILAYAH PERSEKUTUAN

(Organised by Oil, Gas & Mining Technical Division, IEM)

Date : **8 June 2013 (Saturday)**  
Time : **9.00 am – 11.00 am (Refreshment would be served at 8.00 am)**  
Venue : **TUS Lecture Room, 2<sup>nd</sup> Floor, Wisma IEM, Petaling Jaya**  
Speaker: **Ir Tony Chew, Ir Hj Look Keman bin Sahari**

*BEM Approved*  
*CPD Hours: 2*  
Ref No: IEM13/HQ/082/T

### SYNOPSIS

With rapid development in Selangor/Wilayah Persekutuan there is now a need to build houses, factories and other structures in areas where it was not a choice before such as hilly areas, areas where there are outcrops, uneven and shallow bedrocks where there are needs for use of explosives. Explosives are used to level the foundations, to blast and excavate rock below ground for parking lots and stable foundation for high-rise building. However, the use of explosives without proper techniques may cause serious problems of fly rock, high ground vibration and air blast, which can be damaging. The talk will cover the legal and administrative requirements, technical requirement and blasting techniques as practiced in Selangor/Wilayah Persekutuan. Should be useful to engineers who are involved or likely to get involved as project managers/supervisors where blasting works is involved

### BIODATA OF SPEAKER

Ir Tony Chew is now Deputy Director of Minerals and Geosciences Department of Malaysia (Mines and Quarry) Selangor/Wilayah Persekutuan. He graduated in 1999 from USM with a degree in Mineral Resources Engineering and MBA from University Malaysia Sabah in 2005. He served in Sabah from 2000-2010 and now in Selangor in the same section where he oversees mining and quarry operation including blasting work. He is also involved in overseeing blasting activities at construction site to ensure the blasting work is carried out according to the safety and environmental requirements.

Ir Hj Look Keman bin Sahari Graduated in 1979 in Mining Engineering from Strathclyde University, Glasgow, Scotland and M.Sc (Explosives Ordnance Engineering) from Cranfield University, England in 1991. He served as a Research Engineer specialising in Slope Engineering and later as Inspector of Mines serving in Perak, Selangor and Negeri Sembilan and Malacca with the former Mines Department from 1979-1996. After retirement he work as Consulting Engineer specialising in Explosives and Blasting work and also rock breaking using non-explosives demolition agent..

### **Ir. Razmahwata Mohd Razalli**

Chairman

Oil, Gas & Mining Technical Division, IEM

#### **Announcements to Note:**

1. Talk is **STRICTLY** for IEM members only (walk-in).
2. Telephone and/or fax reservation will **NOT** be entertained.
3. Limited seats are available on a "first come first served" basis (maximum 110 participants).
4. IEM members are required to produce your **membership cards** for confirmation of attendance (CPD purpose).
5. Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.

**IEM members who fail to produce their membership cards will be charged a fee of RM20.00**

#### **FUNDS FOR IEM NEW BUILDING (WISMA IEM)**

Kindly be informed that participants will be charged RM10.00 administrative fee for talks organized by IEM. The fee will be used for overhead costs, building maintenance expenses as well as to support the purchase of Wisma IEM. However, students are exempted. Your understanding is much appreciated.

#### **CPD HOURS CONFIRMATION**

Name of Member: .....

M'ship No: .....

Signature: .....

Date : .....