



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON "INTRODUCTION TO EXPLOSIVES IN INDUSTRY"

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

Date : 12th July 2014 (Saturday)
Time : 9.00 am to 11.00 am (*Refreshments will be served at 8.00am*)
Venue : TUS and C&S Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Hj Look Keman Sahari

BEM Approved
CPD/PDP HOURS: 2 hours
Ref No: IEM14/HQ/228/T

SYNOPSIS

Explosives is actually an essential part of our modern life. It is used to break rock in Quarries so that we can get aggregates for our roads, airport, housing and building construction, port, bridges and used in countless projects. With use of explosives we get minerals and metals, oil and gas, coal that provides the electricity that we need in our daily life. Explosives are also used in our annual Merdeka celebration to light our skies (fireworks) and we live with it daily in our cars (airbags). Explosives are sometimes used in medical treatment of heart. The fastest way to bring down old buildings is through the use of explosives.

There are so many uses of explosives in industry. The talk is to introduce the use of explosives that benefit our daily life and dispense the belief that explosives are used for destructive purposes only. It is also an introduction to futures course in explosives in civil, mining quarrying and other industries that are of interest to engineers by the technical division.

BIODATA OFSPEAKER

Ir. Hj. Look Keman graduated in 1979 in Mining Engineering from Strathclyde University, Glasgow, Scotland and M.Sc (Explosives Ordnance Engineering) from Royal Military College of Science, Cranfield University, England in 1991. He served as a Research Engineer specialising in Geotechnical Engineering/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. As a Government Engineer he oversees Construction blasting work in Kuala Lumpur at SOGO, Starhill, Pudu, Damansara and Selangor. He had experience in the investigation of Firework Factory where 26 people were killed in 1991. He was responsible for designing a firework magazine for Al Famosa. After retirement he work as Consulting Engineer specialising in Explosives and Blasting work and also rock breaking using non-explosives demolition agent.

Ir. Ahmad Rafidi Mohayiddin
Chairman
Oil, Gas & Mining Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

1. Talk is for IEM members only (pre-registration is **NOT** required).
2. Telephone and/or fax reservation will **NOT** be entertained.
3. Non members may also attend the talk and will be charged a registration fee of **RM 50** and an administrative fee of **RM 10**.
4. For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer to www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
5. Limited seats are available on a "first come first served" basis (maximum 110 participants).
6. IEM members are required to produce your **membership cards** for confirmation of attendance (CPD purpose).
7. 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 BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants RM10.00 administrative fee for talks organized by IEM.
- The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM
- Students are however exempted.

Your understanding is greatly appreciated.

CPD HOURS CONFIRMATION

Name :

Membership Number :

Date :

Signature :