

Technical Visit to a Rock Quarry in Semenyih, Selangor

(Organized by the Seniors Special Interest Group)

Date : **20 January 2018, Saturday – Rescheduled from 29 November 2017**
Time : **9:00am – 1:00pm**
Venue : **Saroma's Quarry @Semenyih, Selangor**
Transport : Coach will be provided

BEM Approved CPD hours: 3.5

Ref No : IEM17/HQ/455/V

SYNOPSIS

Saroma Engineering S/B (since 1975) is a rock-blasting specialist contractor and quarry owner/operator. The company have had undertaken numerous highway and dam projects, notably the North-South Highway, LATAR Highway, Linggiu Dam, Kenyir Dam, Hulu Terengganu Hydroelectric Dam. Currently the company is the specialist subcontractor for two packages in Sarawak Pan Borneo Highway.

The company also specializes in controlled-blasting where vibration & noise must not exceed the permitted limits. Most of the controlled-blasting jobs were executed on turnkey basis i.e. “design-and-blast”. Some reference jobs are : -
Putrajaya - LRT trench blasting, KLIA - mass earthwork hard material blasting, Cameron Highland to Gua Musang new road, high-intensity blasting at Melaka Panglima Power Plant.

The company operates several commercial quarries, one of which is situated in Semenyih, Selangor (the targeted site for Technical Visit)

A pre-visit Technical Briefing / Talk shall held at Wisma IEM. The talk shall cover but not limited to following topics:-

1. Planning on development of rock face.
2. Overburden removal.
3. Drill and blast work. (videos of blasting will be shown)
- 4.. Loading, haulage, crushing plant + sales loading in video (recorded using drone.)
5. Certain common crushing terminologies and jargon.
6. Jaw and cone crushing simulation. (including schematic crushing plant layout)
7. Authorities compliance : DOE, JKKP and JMG.

At the quarry in Semenyih, participants will see the well-developed rock face, the operation of static crushing plant & mobile heavy machineries. On-site briefing shall be conducted by the company's mining engineers. Rock blasting and a drone demo will be conducted on site.

Concrete is a more-than-100-year-old engineering material which hitherto has not been replaced by any alternative. Coarse aggregate (crushed granite rock in Malaysia) in a major component of concrete. Engineering specifications / qualities of coarse aggregate are getting more stringent, corresponding to the high-performing concrete used in recent years.

PROGRAMME

Time	
9:00 – 10:00 am	Pre-Technical Visit briefing @Wisma IEM. <i>By Ir. TV Lim</i>
10:00 – 10:45 am	Travel to Saroma Quarry @Semenyih by coach
11:00 – 12:45pm	Witnessing of operation of 500 ton-per-hr crushing plant & mobile heavy machineries, Rock Blasting and Drone demo. <i>On-site briefing by Saroma's mining engineers.</i>
12:45- 1:30 pm	Light refresher and Q&A session
1:30 – 2:15 pm	Travel back to Wisma IEM

Commitment Fees

(inclusive GST)

(Non refundable & non transferable)

IEM Member : RM 50.00

Non Member : RM 80.00

The visit is strictly limited to only **30 participants** registered on a “first-come first-served” basis. Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form before **12 January 2018** together with the payment. Cheques are to be made payable to The Institution of Engineers, Malaysia. Please note that the commitment fee should be settled prior to the visit. After this closing date, IEM reserves the right to allocate seats on first come first pay basis. Members are also reminded that IEM MAY cancel the reservation if payment is not received before the closing date.

Participants are advised to bring along safety boots and hard hats.

Ir. Frankie Chong

Chairman

Seniors Special Interest Group

Chairman
Seniors Special Interest Group
The Institution of Engineers, Malaysia
PO Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor

REPLY SLIP

Technical Visit to a Rock Quarry in Semenyih, Selangor

I wish to participate in the above visit. I enclose herewith a cheque no. for the amount of RM..... as my commitment fee for the visit.

Name of Member :
Address :
.....
Company's Name :

M'ship No.:
Grade :
Tel (Office):
Tel (Mobile):
Email :

PERSONAL DATA PROTECTION ACT:

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....
(Date)

.....
(Signature)

- Please bring along this flyer for confirmation of attendance - -Photocopies are acceptable -