



THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan
Tel : 03-79684001/2 Fax : 03-79577678 E-mail : sec@iem.org.my IEM Homepage: <http://www.myiem.org.my>

TECHNICAL VISIT TO 'DURA TECHNOLOGY SDN BHD'

(Organized by Civil & Structural Engineering Technical Division, IEM)

BEM approved CPD/PDP hours: 3 hours Ref No: IEM16/HQ/509/V

Date : 03rd December 2016 (Saturday)
Time : 7.00 a.m. to 1.30 p.m.
Venue : DURA TECHNOLOGY SDN BHD
Address : Lot 304993, Jalan Chepor 11/8, Pusat Seramik Fasa 2, Ulu Chepor, Chemor, 31200 Perak
Transport : COACH (BUS) PROVIDED

Synopsis:

This 'Technical Visit' will enable participants to get an insight on the latest state of art on an advanced concrete technology which is more commonly known as the ultra-high performance concrete (UHPC). In brief, UHPC is an advanced cementitious-based composite material that offers new opportunities for current and future infrastructure development in both urban and rural communities. In its current form, UHPC has been used for bridges and bridge components in several countries which include Australia, New Zealand, Austria, Canada, China, Germany, Italy, Japan, Netherlands, Slovenia, Spain, South Korea, Switzerland, and United States.

Dura Technology Sdn Bhd (DTSB) has pioneered research in the optimal use of steel fiber reinforced ultra-high performance concrete (UHPC) in bridge construction through its Sustainable Bridge Construction Initiative in Malaysia. To date, about ninety (90) UHPC bridges have been constructed and an additional 15 are under construction. Of the completed bridges, eighty-six (86) of these are road bridges and only four (4) are pedestrian bridges. This "technical visit" starts with a power-point oral presentation on the background of UHPC and the DURA® bridges built. It then follows with a plant visit which consists of (i) demonstration on mixing of UHPC; (ii) casting and manufacturing of UHPC bridge component, (iii) QA testing program which consists of cube compressive strength test and flexural strength test of UHPC control sample. Full scale UHPC precast bridge components will be also presented.

TIME	TENTATIVE ITINERARY
7.00 a.m.	Registration at Bangunan Ingenieur (IEM), PJ
7.15 a.m.	Bus Departure from IEM, PJ
10.00 a.m.	Bus Arrival at Chemor, Perak
10.15 a.m.	Technical Tour of Dura Technology Sdn Bhd
-	(please note that 'photo shooting' during tour is not permissible)
1.00 p.m.	
1.30 p.m.	End of Visit, Depart to Bangunan Ingenieur (IEM), PJ

- ✓ The visit is strictly limited to **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 27 NOVEMBER 2016** together with the payment.
- ✓ Cheques are to be made payable to *The Institution of Engineers, Malaysia*.
- ✓ Please note that the commitment fee must be settled prior to the visit. Payment on the day of the visit is not acceptable.
- ✓ After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- ✓ Members are also reminded that if a place is reserved, IEM may cancel the reservation if payment is not received.

Ir. Dr. Ng Soon Ching
Chairman, Civil & Structural Engineering Technical Division (CSETD)

COMMITMENT FEE
(NON-REFUNDABLE & NON-TRANSFERABLE)
Member : RM 80.00 + 6% (RM 84.80)
Non Member : RM 100.00 + 6% (RM 106.00)
*6% GST will be imposed effective 1st April 2015

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.

REPLY SLIP (Fax to: 03-7957 7678) (Email: shahrul@iem.org.my)

Chairman, Civil & Structural Engineering Technical Division, IEM
The Institution of Engineers, Malaysia

Technical Visit to DURA TECHNOLOGY SDN BHD, CHEMOR, PERAK

I wish to participate in the above visit on **03 December 2016**. I enclosed herewith a cheque No for the amount of as my commitment fee for the visit.

Name of Member	:	.....	M'Ship No	:	.....
Company's Name	:	.....	NRIC	:	.....
Position	:	.....	Email	:	.....
Address	:	.....	Tel	:	.....
		.....	Mobile	:	.....
		.....	Fax	:	.....

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)

Please bring along this flyer for confirmation of attendance
(Photostat copies are acceptable)

.....
(Signature)