



ENGINEERS
AUSTRALIA
Hong Kong Chapter

Technical Visit to Lai Chi Kok DSD Transfer Scheme using a TBM

Date: **17 September 2011** (Saturday)

Time: 9:00 am to 12:30 pm (approx)

No. of Participants: 30 (Maximum)

Transportation & Meeting Point: Attendees should make their own arrangements to travel to the site by MTR to Lai Chi Kok MTR Station (Exit C). A map will be provided for the short walk between the MTR station and the site on confirmation of registration.

Brief project description: Key project features encompass 6 drop shaft intakes arranged on the Lai Chi Kok hillside to intercept storm water runoff and direct water into the 4.9m-dia Branch Tunnel constructed by using slurry tunnel boring machine (“TBM”) through mainly bedrock. The Branch Tunnel discharges into the Stilling Basin structure which is constructed below Butterfly Valley Road at the former Wai Man Tsuen. The 4.9m-dia Main Tunnel, also constructed by slurry TBM, comprises an inverted siphon with inlet Shaft M1 and outlet Shaft M2 adjacent to Victoria Harbour.

Attendees should arrive at the site by 9:00 am for a safety induction and project briefing.

PROGRAMME HIGHLIGHTS

- See a in operation in the main tunnel and spillway construction. The TBM operates at the highest pressure of any tunnel construction in Hong Kong to date (4.2 Bar).
- See adit construction in the branch tunnel

REGISTRATION and ENQUIRY

The number of participants is limited to 30 and applicants will be accepted on a first-come-first served basis. EAHK's decision shall be final. For registration, please complete and return the reply slip to Simon Fan, preferably by e-mail, on or before 8 September 2010. Mr. Simon Fan may be contacted on 9351 4963.

Please note that the HKID number is required by the DSD for visitor registration

CPD

Participation in this event will carry with it the entitlement to claim 3 hours for ongoing CPD requirements.

Reply Slip

To : Engineers Australia, Hong Kong Chapter - Mr. Simon Fan
Email : info@ieausthk.org
Fax : 2430 9080

I wish to register for the following event organized by the Engineers Australia, Hong Kong Chapter

Event : Technical Visit to Lai Chi Kok DSD TBM

Date : 17 September 2011 (Saturday)

From the participant

Last Name (Mr/Ms/Ir/Prof/Dr): _____ First Name: _____

Membership No: _____

Hong Kong ID: _____

Tel (Mobile Phone): _____ Email: _____

Important Notice

1. The Organizer(s) or the parties concerned would not accept any liability in connection with this function. All participants should be responsible for their own safety and belongings. The organizer(s) shall not be held responsible for any losses or accidents caused to participants arising wholly or partly from their own fault, negligence or physical unfitness.
2. The above schedule is subject to change without notice.
3. Applicants not notified by 8 September 2010 can assume that their application is not successful.