



The Hong Kong Institution
of Engineering Surveyors



Dept. of Land Surveying &
Geo-Informatics, HK PolyU

CPD Function – Challenge in Foundation Removal for Rail Project

**Organizers: The Hong Kong Institution of Engineering Surveyors (HKIES)
Department of Land Surveying and Geo-Informatics (LSGI, PolyU)**
**Speaker: Derek Ho – (Ass. Survey Manager, HSIN CHONG CONSTRUCTION COMPANY
LIMITED)**
Date: 15-01-2014 (Wed) Time: 19:00-20:30 (1.5 hours)
Venue: Y502, The Hong Kong Polytechnic University
Admission: Free of Charge (priority will be given to members of HKIES and LSGI)

Abstract:

We are pleased to invite Mr. Derek Ho to share his experience in pile removal for a rail construction project in Hong Kong.

The scope of works includes removal hundreds of existing driven steel H-piles and several bored piles along the future tunnel alignments in urban area, modification of existing rail station entrance and emergency vehicle access for the existing station. Finally, reprovisioning of new foundation will be conducted in this project for future property development.

Derek will introduce a new method “Rotator and Wedge” instead of traditional methods such as using high capacity hydraulic vibrators or hydraulic jacks for removal of existing H-piles.

Meanwhile, he will illustrate the difficulties for the work, such as limited working spaces, unexpected inclination of H-piles, and potential continuous ground settlement especially the areas around cooling main and nearby utilities. Afterward, he will share his experience in overcoming those difficulties successfully.

Please email the reply form to cpd@hkies.org.hk for registration.

All members and guests are welcome and the number of participants is limited to **50**. Participants will be accepted on a first come first served basis. For enquiries, please contact Mr. Edwin Kwan (Tel: 9759 9462), or email to: cpd@hkies.org.hk.

Disclaimer: The Organizers have not arranged any insurance coverage for any participants on any personal accident, property loss/damage or virus infection arising from this CPD function. Participants should make their own insurance arrangement at their expenses.

Reply Form

I, _____, confirm my intention to attend the Social Function on **15-01-2014**. My HKIES Membership / LSGI No. _____.

My telephone no. is _____ and e-mail address is _____.

Please email this reply form to cpd@hkies.org.hk for registration.

[Successful applicants will receive a confirmation email]