

# Webinar Talk on **Enhancement of Cast In-Situ Bored Pile Base Cleaning Technique and On-Site Verification**



**SPEAKER:**

**Ir. LEOW CHEE SIN, NICK**

BEM Approved CPD/PDP: 2 Ref. No.: IEM22/HQ/447/T(w)

Registration Fees

Student Members: Free

IEM Members: RM 15.00

IEM Non Members: RM 70.00

Register online | [www.myiem.org.my](http://www.myiem.org.my)



**7 December 2022,  
Wednesday**



**5.00 PM – 7.00 PM**



# SYNOPSIS:

Rock socketed cast in-situ bored pile has emerged as one of the preferred foundation options in local construction industry due to its high load carrying capacity and relatively short installation time. A substantial apportionment of bored pile working capacity can be derived from end bearing resistance on rock provided that proper base cleaning can be assured. The effectiveness of bored pile base cleaning technique will determine whether an economic rock socketing design can be achieved.

This technical talk will cover the following: -

- Basic knowledge of bored pile stabilizing fluid
- Basic concept of tremie concreting
- Bored pile geotechnical design and end bearing resistance
- Typical bored pile base cleaning technique
- Bored pile base cleaning procedure & verification
- Case studies from pile load tests

## SPEAKER'S PROFILE:

Mr. Leow Chee Sin, Nick obtained his Bachelor Degree (Honours) of Civil Engineering with First Class Honours from Universiti Sains Malaysia (USM) in 2014 and won the Gold Medal award of School of Civil Engineering for academic session 2013/ 2014. He started his professional career to work as geotechnical engineer in Geotechnical department of Arup Jururunding Sdn Bhd for three years. He then pursued his engineering career by joining the technical team of Geohan Sdn Bhd, a local geotechnical specialist and currently holds the designation of Technical Manager. With over eight years of professional working experience, his expertise covers design of building foundation; earth retaining structure; slope stabilization works; temporary works; soil investigation & geotechnical instrumentation planning works, geotechnical impact assessment of sensitive structure & bored tunnel; design review & independent checker; site inspection & quality control works. He is the registered Professional Engineer with Board of Engineers Malaysia (BEM) and Corporate Member of Institution of Engineers Malaysia (IEM). He is also the registered Professional Technologist with Malaysian Board of Technologist (MBOT) and member of Malaysian Geotechnical Society (MGS).