

IEM YES & IEM GETD
presents

“Site Construction & Supervision of Piling Works”

BY IR. NEOH CHENG AIK

18 Jun 2022
Saturday
9:00am to 12:30pm

 **IEM VIRTUAL PLATFORM**

Ref No: IEM22/HQ/140/T(w) CPD : 3.5

Commitment Fees (Subject to 6% SST & Non-Refundable)	
ONLINE	
IEM Student Member	RM 40.00
IEM Graduate Member	RM 70.00
IEM Corporate Member	RM 125.00
Non-IEM Member	RM 220.00

The talk will focus on “Site Construction & Supervision of Piling Works with particular reference to common driven/jacked concrete piles & bored piles.

1. Introduction
2. Brief Overview of Displacement Pile & Non-displacement pile Installation Practice
3. Brief review of history of pile design & construction practice in Malaysia
4. Role & responsibility of piling supervision
5. Important construction requirements of displacement piles (driven & jacked) as stipulated by BS EN 12699 with particular reference to critical information sought from SI, materials/products requirements, execution (driving & jacking termination criteria, driveability analysis, pile testing, recording), etc.
6. Important construction requirements of non-displacement piles (bored piles) as stipulated by BS EN 1536 with particular reference to critical information sought from SI, materials requirements, execution (boring operation, drilled shaft stabilization, placement of rebar cage, concreting & post-construction testing), etc.
7. Case histories of construction problems of driven/jacked RC /spun piles
8. Case histories of construction problems of bored pile installation
9. Concluding remarks.

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About Speaker

Ir. Neoh Cheng Aik joined JKR/PWD Malaysia after graduating from University of Malaya in 1974, and has served 25 years in various capacities and posts in JKR Malaysia. After optional retirement from JKR in Dec 1998, he joined Perunding IKRAM Sdn Bhd as director until April 2000. He was the Director of E-Geo Consultant Sdn Bhd from 2001 until Oct 2021.

Ir. Neoh CA is an accredited BEM independent checker (Geotechnics) and frequently engaged as an expert witness in construction disputes/arbitrations related to geotechnical works. Ir. Neoh has previously served in IEM as IEM vice president and Chairman of IEM Geotechnical Division, and as Chairman of Geotechnics Committee of REAM. He has published/presented more than 50 technical papers on geotechnical and road engineering in various local/international seminars/conferences/ journals/ bulletins.