

Webinar



# AXIAL COMPRESSION PILE LOAD TESTING

BEM Approved CPD Hours: Applying  
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## Ir. Neoh Cheng Aik

10 JULY 2025

4.00PM

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MGS Webinar by Ir. Neoh Cheng Aik



**The scope of presentation includes:**

- 1. Introduction
- 2. Classification of pile testing and Standards for axial compression pile load testing.
- 3. Comparisons of various methods of axial compression pile load testing and the pros & cons.
- 4. Set-up details for axial compression pile load testing & the interaction of loading & settlement effects plus how they influence pile load test results.
- 5. Important terms/definitions about axial pile load testing that are commonly overlook & may affect pile test results. Common shortfalls. Checklist for axial compression load testing.
- 6. Comparisons between kentledge, reaction piles/anchors & Bi-directional methods.
- 7. Brief case histories.
- 8. Acceptance criteria for axial compression load tests
- 9. Conclusions

**Biodata of Speaker**

Ir. Neoh Cheng Aik graduated with a BEng Hons in Civil Engineering from University Malaya in 1974. Joined PWD Malaysia (now JKR) upon graduation and served 25 years in various capacities and posts including Site Engineer for several building & road/bridge projects, as Senior Executive Engineer of KL–Karak Highway Project, as Superintending Engineer (Structures) of Armed Forces Works Branch (Structural design and rehabilitation works), as Head of Geotechnical Division of Institute of Public Works Malaysia for about 6 years and Head of Road Design Unit of Road Branch, PWD HQ for about 5 years. He opted for early retirement in 1998. He then joined IKRAM Runding Sdn Bhd as Director and as Head of Consultancy arm of Kumpulan IKRAM. He was mainly responsible for the geotechnical design of building foundations, retaining walls, slope repairs and ground treatment works.

In April 2000, Ir. Neoh founded E-Geo Consultant Sdn Bhd which was mainly involved in geotechnical design for foundations, retaining walls and slope analysis and slope failure investigation & repairs. Also frequently engaged as independent geotechnical design checker and arbitration/court witness. Ir. Neoh CA is amongst the first batch of accredited geotechnical independent checkers appointed by Board of Engineers, Malaysia.

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**\*\*\*IMPORTANT\*\*\***

✓ Each approved registrant will receive a unique Zoom link for the webinar.

A minimum attendance of 75% is required in order to obtain a certificate of attendance.