



Mr. WAI/YEE KONG (Yekong Wai)

Professional Competency Level

Pile Test Expert, since 2010

Competency Level: L6 (Highest)

DFI/USA Certified Pile Test Engineer (Advanced, 2004)

Pile Test Competency

Static Pile Load Test

Static Compression : Excellent

Bi-Directional: Excellent

Pile Instrumentation: Excellent

Dynamic Pile Load Test

High Strain Case Method: Excellent

High Strain Two Point: Excellent

High Strain Impact Load: Excellent

Medium Strain StatRapid: Excellent

Medium Strain StatNamic: Excellent

Dynamic Pile Integrity Test

Low Strain: Excellent

Ultra Sonic: Excellent

Tube Wave: Excellent

Dynamic Pile Imaging Test

Hole Profiling: Excellent

CCTV Camera: Excellent

Parallel Seismic: Excellent

Pile Analysis Competency

GRLWEAP: Excellent

CAPWAP: Excellent

RSMWAP: Excellent

RSIWAP: Excellent

ROCKSEA: Intermediate

TNO: Intermediate

SIMBAT: Intermediate

UNIPILE: Intermediate

International Invention Patents

YLOAD: Impact Load of Pile Driving

YJACK: Bi-Directional Pile Test, Type C

ROCKETshaft: Pile Lateral Load Recovery

PUSHshaft: Bi-Directional, Top-Loaded

TremieMATE: Solid Pile Base Guaranteed

International Software Copyrights

QSWAP: analysis software for high-strain

QSDAP: analysis software for bi-directional

QSTOP: analysis software for top-loaded

Personal

Year of Birth: 1967

Address Line1: 20, Jalan PP 11/5, Alam Perdana Industrial Park

Address Line2: 47130 Puchong, Selangor, Malaysia

Email: yekong2012@gmail.com | yekong2012@live.com

Website: www.YJACKpiletest.com | www.MrGeoTECH.com | www.MrGeo2U.com

Education

1991

Bachelor in Civil Engineering (Hons)

University Teknologi Malaysia (UTM)

Careers

2022

MrGeo Professional Group (Chief Technical Officer)

2014

YJACK Professional Group (Chief Technical Officer)

1997

Traswaja Pile Testing Sdn Bhd (Technical Director)

1995

Dynamic Pile Testing Sdn Bhd (Technical Manager)

1994

Soil Dynamics (M) Sdn Bhd (Pile Test Engineer)

1991

University Technology Malaysia (Pile Test Research Officer)

Certifications

2004

Certified Pile Test Engineer (Advance Level, DFI/USA)

2000

World Patent Holder (YLOAD Dynamic Pile Test Method)

2014

World Patent Holder (YJACK Static Pile Test Method)

Publications

1997

Impact Load Analogy in Pile Driving (Hong Kong)

2003

New Breakthrough Technology in Pile Testing (Malaysia)

2003

Impact Load Theory – A New Testing Method (China)

2003

Advance Analysis in Low-Strain Pile Test (China)

2006

Compatibility Study on Impact Load Theory (Malaysia)

2013

22 Years' Experience in High-Strain Pile Test (Indonesia)

2013

State-Of-The-Art YJACK in Bi-Directional Pile Test (Indonesia)

Awards

2015

Int'l Construction Council Innovation Award for YJACK

2016

High Impact Program2 (HIP2), Agency Innovation Malaysia

2017

Productivity Champion for YJACK, Malaysia Productivity Corp

2018

Malaysia Brand 5 Star for YJACK, Malaysia SME Corporation

