2-Day High Strain Dynamic Foundation Testing Workshop & Proficiency Test

Boston, MA

Marriott Courtyard Boston Logan Airport

(More info to come)

Thursday & Friday, December 16 & 17, 2021

PDA Proficiency Test will be offered on Friday, December 17th at 3:00pm

Who should attend:	Learning objectives:
Users of the Pile Driving Analyzer® (PDA) system and CAPWAP® software interested in sharpening their skills.	Operate the PDA in a manner conducive to acquiring good quality data
Engineers, foundation testing professionals, students and professors already familiar with the basic concepts of deep foundation dynamic testing and analysis	Assess pile bearing capacity, pile driving stresses, hammer performance and pile integrity by various methods
Professionals who desire to have a basic understanding of the dynamic test results being presented to them.	Avoid pitfalls when analyzing PDA data with the CAPWAP software
Those interested in taking the **Dynamic Measurement and Analysis Proficiency Test***	Interpret PDA testing and CAPWAP software results
	Describe the soil-model used in CAPWAP and prepare the input needed
	Review options for CAPWAP analysis and output
	Calculate bearing capacity and its distribution for driven piles from impact records

Digital/ Hard copy of the Presentation:

- **All training material will be available digitally for download prior to the event**. It is suggested that attendees download this material to their laptop and bring their laptop or print the training material and bring their own hard copy.

Certificate of Completion:

- A Certificate of Completion documenting the number of hours of instruction – Professional Development Hours (PDH's) will be provided. Check with your engineering board of registration for their continuing education requirements.

Dynamic Measurement and Analysis Proficiency Test:

- At the end of the High Strain Dynamic Testing Workshop participants may take a multiple-choice **Dynamic Measurement and Analysis Proficiency Test** which will take less than 1-½ hours to complete. The test will cover the theory of Wave Mechanics, Case Method (PDA) equations, data quality assessment, data interpretation and basic CAPWAP analysis. The test is designed for those with experience in using the Pile Driving Analyzer® system and CAPWAP to perform High Strain Dynamic Foundation Tests. The best preparation for the test is work experience following an initial PDA training. The workshop will refresh the participant's theoretical background and be a reminder of some important points. Those taking the test are advised to study "Appendix A" and "Helpful Hints" of the PDA manual, review some of the EXAMPLE data provided with the PDA and read the CAPWAP background material. These materials are supplied with PDA purchases. Those without access to the manuals and examples should please contact softwaresales@pile.com in advance of the test date. For more information about the Proficiency Test website: **www.PDAProficiencyTest.com**.

- A Certificate of Proficiency in High Strain Dynamic Pile Testing will be awarded to those who pass the test. The Level indicated on the Certificate is dependent on the score achieved on the test. Those who do not pass the test will receive full credit of test registration fee to be applied towards retaking the test at the next opportunity.

Please note it will take up to two weeks to receive your exam results

Ryan Allin, P.E., is a senior engineer and partner in GRL Engineers and Pile Dynamics. He has a B.S. in CivilEngineering from Cleveland State University and has achieved Expert level on the PDCA/PDI Dynamic Measurement and Analysis Proficiency Test. After several years performing the entire range of services offered by GRL throughout the United States and in international offshore projects, Ryan is currently responsible for all educational programs for foundation testing professionals. In that capacity he has lectured on numerous seminars, webinars and workshops on foundation testing and has co-authored papers on the subject. Ryan is a member of the American Society of Civil Engineers and a registered professional engineer in Ohio, Pennsylvania, West Virginia, Delaware and Kentucky.

REGISTRATION

Email: Registration form by Friday, December 10, 2021 to registration@pile.com

Name(s): _____

Organization:_____

Address:_____

City:_____State/Province:_____Postal Code:_____Country:_____

Phone:_____Fax:_____Email: _____

REGISTRATION FEES (Includes: AM/PM Breaks and Lunch):

□ High Strain Dynamic Foundation Testing Workshop: **$550.00**

□ Dynamic Measurement and Analysis Proficiency Test ***(No Discounts)***: **$200.00**
If you do not pass the test, you are allowed one (1) retake of the test at no additional charge at the next course

□ Government Employees: $50.00 discount on ***each*** Seminar and Workshop

Amount sub-total: $_____

Discount (if applicable – subtract): $_____

Grand Total: $_____

CREDIT CARD INFORMATION:

I am paying by: ___VISA ___MasterCard ___American Express ____Check

Name (as on credit card):_____

Account Number:_____Expiration date:___/___Verification code:_-_____

Statement Billing Address:_____

City:_____State / Province:_____Zip:_____Country:_____

Signature_____

Refund Policy: *Cancellations received by December 1, 2021 will receive a 50% refund. After this date, there will be norefunds, however name changes are permissible. There will be no transfer of funds to the next course permitted.*