



# Advanced High Strain Dynamic Testing Workshop & PDCA Proficiency Exam

**May 16-17, 2024**

**Location:**

**Sheraton Grand London Park Lane**  
Piccadilly, London W1J 7BX

This workshop offers 12 PDHs and is tailored to engineers, foundation testing professionals, students and professors or anyone involved in deep foundation projects interested in basic concepts of deep foundation dynamic testing and analysis. Professionals who desire to have a basic understanding of the dynamic test results being presented to them. **And, those interested in taking the Dynamic Measurement and Analysis Proficiency Test.**

**Day 1:** 8:30 am - 5:30 pm GMT

Overview of High Strain Dynamic Pile Testing & CAPWAP® Signal Matching Software Analysis

**Day 2:** 8:30 am - 5:30 pm GMT

PDCA Proficiency Exam

**Agenda:**

Advanced High Strain Dynamic Testing Workshop & PDCA Proficiency Exam -

This advanced workshop will focus on PDA practices including:

- Integrity, Stresses, Energy
- Capacity Calculation
- CAPWAP® Signal Matching Examples
- Data Quality Examples

*The PDCA Dynamic Testing Proficiency Exam will be take place on May 17th.*

**REGISTER NOW**



**Certificate of Completion:**

A Certificate of Completion documenting the number of hours of instruction—Professional Development Hours (PDH's) will be provided.

**Dynamic Measurement and Analysis Proficiency Test:**

On May 17th, participants may take a multiple-choice Dynamic Measurement and Analysis Proficiency Test which will take less than 1½ 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.

Test website: [www.PDAProficiencyTest.com](http://www.PDAProficiencyTest.com).

Workshop Fee: \$500 USD (\$400 USD early registration)  
Proficiency Test Fee: \$250 USD

**Presenter:** Ryan Allin, P.E.,  
Vice President of Pile Dynamics, Inc.



Ryan is a senior engineer and Vice President at Pile Dynamics, Inc. He is responsible for all PDI's 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.