



Quality Assurance for Deep Foundations

Employment Opportunity

Position: Civil Engineer (Training/Client Support/R&D)

Location: Cleveland (Solon), OH

Starting: Immediately

Pile Dynamics, Inc. (PDI) is the largest manufacturer of foundation dynamic testing equipment in the world. The firm was founded in 1972 following pioneering research at Case Western Reserve University in dynamic pile testing and the invention of the Pile Driving Analyzer® (PDA). PDI has a team of civil engineers, electronic engineers and software developers who continue to improve and expand its product line and capabilities in addition to offering deep foundation educational programs. The company has a wide network of sales representatives spread from Asia to Europe to South America resulting in the use of PDI products in more than 100 countries throughout the world.

Pile Dynamics, Inc. (www.pile.com) maintains its corporate headquarters in Cleveland (Solon), OH.

Interested persons should send their cover letter and resume to pdi-careers@pile.com. Any questions concerning the position or its duties should be addressed to gpiscsalko@pile.com.

Outlook

- The deep foundation testing industry is a specialized field in which Pile Dynamics is the industry leader in terms of knowledge, skill, innovation and size due to its unique history and connection to some of the founders of modern dynamic testing. Since our inception, this testing sector has been growing consistently and PDI with it.
- PDI is dedicated to pursuing excellence in quality assurance methods by providing quality products with quality service for the deep foundation industry. PDI understands itself as developing the next frontiers in deep foundation testing technology and practice.
- PDI maintains a small firm attitude despite the fact that it has global sales. This allows for a collegial and positive atmosphere despite the challenges of its technology and work schedule.
- The considerable increase in sales over the years requires that more training be performed, both for new users and for refresher courses.



Position Summary

- Responsible for conducting trainings on all types of PDI equipment and software in conjunction with other PDI training staff. This also includes providing client support.
- Assist in product development and marketing consistent with PDI requirements.

Level of Supervision

- Proactive interaction with training, engineering, sales/marketing and related support departments to ensure on-time customer service needs are met or exceeded as well as organizational plans and goals. Reports to PDI Training Manager.

Work Requirements

- Training of new system users and review training for current system users. Trainings are mostly performed in Cleveland, though some clients may prefer training at their location. Therefore, domestic and international travel is required.
- Develop and improve training systems and approaches to improve their efficacy and efficiency, including the application of new technological training methods.
- Provide client support including answering queries from users and providing analysis reviews.
- Participate in seminars and workshops being presented by PDI both domestically and internationally. A minimum of one international trip per year in this context and to support PDI representatives in their regions should be expected (in addition to training trips).
- Work with PDI's international representatives in meeting with clients and government agencies to promote PDI products and methods.
- Assist in product development by checking new hardware and software (and offering alpha-tester suggestions for improvement) and checking hardware/software changes. This could include field testing equipment/software on actual sites.
- Write or update operation manuals as well as online help files.
- Work on other code activities (such as IBC) or trade association committees, including travel to meetings if required, to promote testing activity that is beneficial and necessary to assure quality foundations.
- Write at least one technical paper or trade magazine article per year (can include co-author).
- Provide occasional testing services on construction sites including offshore platforms.



Required Qualifications/Education

- Fully knowledgeable of all PDI methods, equipment and software with an aptitude for easily learning new products. A minimum of two (2) years of testing experience with PDI products is required.
- Ability to communicate effectively in English, both oral and written, and on individual, small group and large seminar basis (including the effective use of visual aids for teaching purposes). Candidate must be able to demonstrate teaching ability and vision.
- Ability to communicate and interface effectively with persons from any cultural background or context, especially in a teaching context.
- Ability to conduct trainings and presentations in Spanish or Chinese, advantageous.
- Master Level or higher on the PDCA/PDI Proficiency Test preferred.
- Master's Degree in Civil Engineering or higher is preferred, though a candidate with a Bachelor's in Civil Engineering and strong experience will also be considered
- Organizational skills are a premium and the ability to execute in a timely manner is essential.
- Must be willing to travel and without restrictions to anywhere in the world.
- Must be self-motivated and have a driven character.

Earnings

- This is a full-time, salaried position.
- Benefits: PDI offers medical & dental insurance as well as long-term disability and life insurance. Paid vacation and holidays as well as inclusion in the PDI 401(k) and ESOP retirement plans.