

New accessories and software for Pile Dynamics' PIR

Pile Dynamics has introduced new accessories and software for its pile installation recorder (PIR) - the PIR viewer and a new version of the PIRPLOT data processing and reporting software. The pile installation recorder is an automated monitoring equipment that records and displays grout volume versus depth, along with other parameters, which help the construction of augered cast-in-place (ACIP) and continuous flight auger (CFA) piles.

The PIR viewer is a handheld wi-fi device that allows a supervisor or inspector to see, in real time, the information that the PIR is displaying to the operator in the crane cab. This enables the supervisor to stop the crane operator sooner in case there is a concern. In the past, the pile had to be completed and summary report generated before an inspector could review the installation details. The user of the PIR viewer pushes of a button to flag when grout return occurs, and a may use a logging feature to manually count grout pump strokes. Once the pile is completed this information may be compared to the PIR summary report. Post processing with PIRPLOT generates customisable presentation quality tables and graphs.

Pile Dynamics also produces several other quality assurance and quality control products for the deep foundations industry. Its products are recognised throughout the world as the ultimate solutions for testing and monitoring of deep foundations. ■

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The PIR and PIR viewer show the same information.