

# Pile Dynamics LITE

**Pile Dynamics, Inc.** now manufactures an instrument that evaluates the length of steel piles (H-piles, pipe piles, cased drilled shafts, steel sheet piles) using the inductive field method, the Length Inductive Test Equipment, or LITE.

“Length determination is key for foundation reuse or when unexpected settlement or scour raise concerns about bearing capacity”, said Gina Beim, senior engineer for marketing. Beim adds that LITE is a tool testing engineers should use for length determination of steel piles, while the Pile Integrity Tester, also by Pile Dynamics, is the tool of choice for concrete piles.

Pile Dynamics’ sister company, GRL Engineers, Inc., field tested the instrument

and reported that its operation is simple and data interpretation straightforward. According to GRL, all you have to do is “lower the Inductive Sensor of the LITE into a PVC-lined hole drilled within 18 in of the pile to be tested and observe the resulting voltage reading. As long as the inductive device senses the proximity of metal or other conductive material the LITE will show a high voltage. If there is no metal in the neighborhood then the voltage will be dropping to a low value.

Pile Dynamics has manufactured testing instruments for deep foundations for more than 35 years, and has commercial representatives in all continents. For more information visit [www.pile.com](http://www.pile.com).