



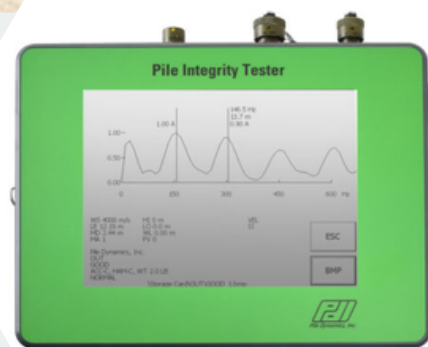
STANGERS

We are a specialist provider of advanced pile integrity testing services used to assess the integrity of concrete pile foundations.

Using the latest portable system, the pile integrity tester (PIT) from Pile Dynamics, Inc., we are able to provide advanced interpretations of data, measuring pile length, pile head stiffness and pile shaft mobility. Analysis can be carried out instantly on-site in normal conditions. We can easily test up to 20 piles per day, increasing to 30 where access is particularly good.

Plate load testing is a field test to verify the soil-bearing capacity for shallow foundations. By means of back-analysis, the Young's modulus value of soils adopted in the settlement calculations can be verified. We offer a one-stop service for plate load testing, which includes but is not limited to the setting up of a kentledge system, and method statement submissions to the relevant authorities or agency.

Stangers utilises the ultrasonic echo sounder test to measure the profile of the excavation for a pile shaft, such as the bell-out dimensions of bored piles, and to check verticality of excavation. We have two sets of ultrasonic echo sounder test machines (KODEN), which increases our flexibility and job arrangement.



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