

## Case Study

**Service:** Plate Bearing Test  
**Location:** Tower Millennium Pier,  
 Thames Street, London  
**Client:** Nycon Ltd.

Swantest were contracted by Nycon Ltd. to conduct plate loading tests on granite paving slabs in the pedestrian walkway leading up to Tower Millennium Pier.

Each location tested was selected based on the position of the outriggers of a large crane. The purpose of the test was to investigate any movement, settlement or cracking of the pavement under a specified load. The results of our tests aided our client in quickly and efficiently determine if the granite slabs would remain undamaged and their capacity of supporting the weight of the crane applied via its outriggers.

We were able to complete each test safely and promptly allowing minimal inconvenience & obstruction to this busy pedestrian area.

As well as producing same day factual reports, our overall speed of testing can ensure that there are no needless delays on site allowing our clients to swiftly progress with their works.

*All tests are based & carried out on the requirements of BS 1377: Part 9: 1990; Section 4.1.*

Key to images:

1. Entrance to Tower Millennium Pier – Position of Tests
2. Set up of Plate Bearing Test equipment.
3. Undercarriage of excavator used as kentledge.
4. Typical Outrigger set up utilising larger pads to distribute the load over a greater area of ground

