# Federation of Piling Specialists
# Testing Datasheet No 2

## Pile Testing - Interpretation

**Pile Load Testing**

Normally the specialist testing contractor undertakes the load test, takes measurements and then reports the factual data.

The pile designer (whether piling contractor, Engineer, or another party) then interprets the factual data within the context of the design as they should have full knowledge of all the relevant information.

This note is applicable to those interpreting all types of pile load test (including static, dynamic and rapid tests).

Competence requirement for persons interpreting a Pile Load Test

There are no formal academic qualifications available for interpreting the results from a pile load test, but the following attributes should be demonstrable by any person carrying out such an interpretation;

1. The person must be able to demonstrate competence in the testing method and an understanding of the limitations of the method in relation to the intended use of any results obtained.

2. The person must be able to evaluate the results within the context of the design.

3. The person must be able to communicate findings obtained from the test to a third party who is possibly not competent in pile testing.

**Pile Integrity Testing**

Normally the specialist testing contractor undertakes the test, takes measurements and then reports the factual data with an assessment of the results.

The piling contractor should also carry out an assessment of the results and act upon any anomalies.

This note is applicable to those interpreting all types of pile integrity test (including sonic echo, transient dynamic response and cross hole sonic logging).

Competence requirement for persons interpreting a Pile Integrity Test

There are no formal academic qualifications available for interpreting the results from a pile integrity test, but the following attributes should be demonstrable by any person carrying out such an interpretation;

1. The person must be able to demonstrate competence in the testing method and an understanding of the limitations of the method in relation to the intended use of any results obtained.

2. The person must able to demonstrate an understanding of their own company procedures.

3. The person must be able to evaluate the results within the context of the design.

4. The person must be able to communicate findings obtained from the test to a third party who is possibly not competent in pile testing.