



## VIBRATION PREDICTION & MONITORING

The Testing and Analysis Division undertakes a comprehensive range of vibration services including prediction, measurement and advice on the control of vibration from a wide variety of sources.

### VIBRATION

Vibration monitoring is often required to determine the effect of construction activities on neighbouring structures or services.

Our investment in state-of-the-art instrumentation enables such vibration measurements to be made in terms of peak particle velocity, acceleration, displacement and frequency with respect to structural damage levels.

### PILE TESTING

In some situations, the main concern is the effect of vibration on people. Vibration may affect the whole body or in many cases, specific parts of the body such as the hands and arms.

The Testing and Analysis Division have the instrumentation and the experience to monitor the effect of vibration on people, either generally, or on specific parts of the body such as the hands and arms to ensure compliance with health and safety regulations.

### SERVICE AND EQUIPMENT

We offer a high quality, independent service, with experienced engineers providing a customer-driven approach catering for the following needs:

- ✓ A full-time attended or remote monitoring and reporting service.
- ✓ Advice on monitoring requirements and comparisons of site data to relevant British Standards and / or any specific site limits that may have been set
- ✓ Equipment hire for both long and short-term projects

Irrespective of the project scale, Testing & Analysis can provide a tailor-made solution to suit any vibration monitoring requirement.



MONITORING AT HISTORICAL SITES

### CONTACT US

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