



TESTING & ANALYSIS

Balfour Beatty Ground Engineering's specialist Testing and Analysis Division are established providers of specialist technical services to the construction industry and offer a reliable and competitive service in a number of areas.

WHAT WE OFFER

Balfour Beatty Ground Engineering's Testing and Analysis department offers a complete range of services provided by their team of specialist engineers who oversee contracts from start to finish ensuring consistency of service and attention for our Clients. Our Engineers have a cumulative total of approximately 100 years experience in the industry and are committed to providing a quality service.

◆ **PILE TESTING**

◆ **NOISE, VIBRATION AND AIR QUALITY MONITORING**

◆ **WORKING PLATFORM ASSESSMENT**

◆ **SOUND INSULATION TESTING**

PILE TESTING

We have experienced engineers located throughout the UK, providing a rapid and consistent service to our clients.

- ✓ Dynamic pile load testing*
- ✓ Sonic pile integrity testing*
- ✓ Sonic logging*
- ✓ CAPWAP analysis*
- ✓ GRLWEAP analysis
- ✓ Static Load Testing
- ✓ Thermal Integrity Profiling

(* UKAS accredited)



SONIC LOGGING (PILE INTEGRITY)



NOISE MONITORING



STATIC LOAD PILE TESTING

NOISE, VIBRATION, DUST & GAS MONITORING

We offer a comprehensive range of prediction, measurement and control services tailored to the needs of our clients.

- ✓ Environmental noise
- ✓ Workplace noise
- ✓ Noise prediction
- ✓ Environmental vibration
- ✓ Hand-arm / whole body vibration
- ✓ Dynamic frequency testing
- ✓ Environmental/personal dust & fume sampling
- ✓ Equipment hire

SOUND INSULATION TESTING

We offer a competitive sound insulation testing service as required for all newly-built or converted residential dwellings. We provide a high-quality, UKAS accredited, sound insulation testing service, conforming to Approved Document E, The Building Regulations (2000).



SOUND INSULATION TESTING

WORKING PLATFORM ASSESSMENT

Testing and Analysis undertake testing of working platforms as constructed with unbound granular material compacted on top of existing ground. Piling industry figures show that one third of all dangerous occurrences reported are related to working platforms. Plate load testing is the preferred method of testing platforms however other supplementary methods such as Light Weight Deflectometer Testing can be carried out if required.



PLATE LOAD PILE TESTING

CONTACT US

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