



James Fisher Testing Services at a glance

Our highly skilled team has significant experience in delivering materials testing solutions through our UKAS accredited laboratories across the UK and on-site UKAS laboratories under our flexible scope of accreditation. Some examples of our capabilities are listed below.



Soils and aggregates

- Grading
- OMC
- Constituents
- Shear box
- WAC testing



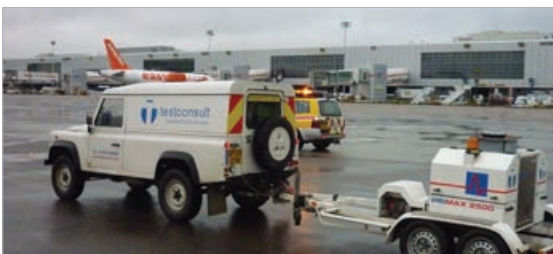
Fresh and hardened concrete

- Fresh concrete sampling
- Beam testing
- Compressive strength of cores
- Tensile splitting strength
- Water absorption



In situ testing

- Plate/CBR testing
- Nuclear density testing
- Site sampling
- Stabilisation works
- DCP testing



Structures and pavement testing

- Coring
- Rebound hammer
- Pull out and pull off testing
- Laying records
- FWD



Foundations testing

- Integrity testing (TDR)
- Dynamic pile testing (SIMBAT)
- Static load testing
- Sonic logging
- Parallel seismic testing
- Zone testing



Structural monitoring and inspection

JFTS provides integrated monitoring and inspection solutions for a range of infrastructure assets including bridges, buildings, railways, tunnels and wind turbines.

Using our state-of-the-art Smart Asset Management (SAM) system, we can provide a wealth of real time data to inform proactive condition based maintenance programmes that optimise an asset's lifespan.

Our monitoring services deliver key benefits, including:

- Accurate, rich data that informs decision making
- Optimisation of repair and maintenance strategies
- Reduced asset down time
- Risk reduction and cost efficiencies
- Improved operator and public safety

Our service includes expert design, assembly, installation, data hosting, complex post processing analysis and user configured reporting.



Noise, dust and vibration monitoring

Ensure that you comply with local planning requirements, prevent or help to resolve complaints from the local community.

JFTS provides a comprehensive range of equipment for hire and sale to monitor noise, dust and vibration on all types of construction, infrastructure and demolition projects. All our systems can be fully automated and will provide alerts when pre-defined levels are exceeded, enabling 24/7 oversight of a site's environmental condition.

Load and compliance testing of barriers and balustrades

Our barrier and balustrade testing service applies to a wide range of environments, including sports stadia and other high capacity venues, public spaces, commercial and industrial properties. As part of a regular inspection regime our testing services provide reassurance that critical public safety barriers conform to the appropriate regulatory standards.

Applications include:

- Balustrades
- Car park / vehicle containment barriers
- Crowd control barriers
- Crush barriers
- Forklift barriers
- Hand rails
- Perimeter walls
- Seating decks