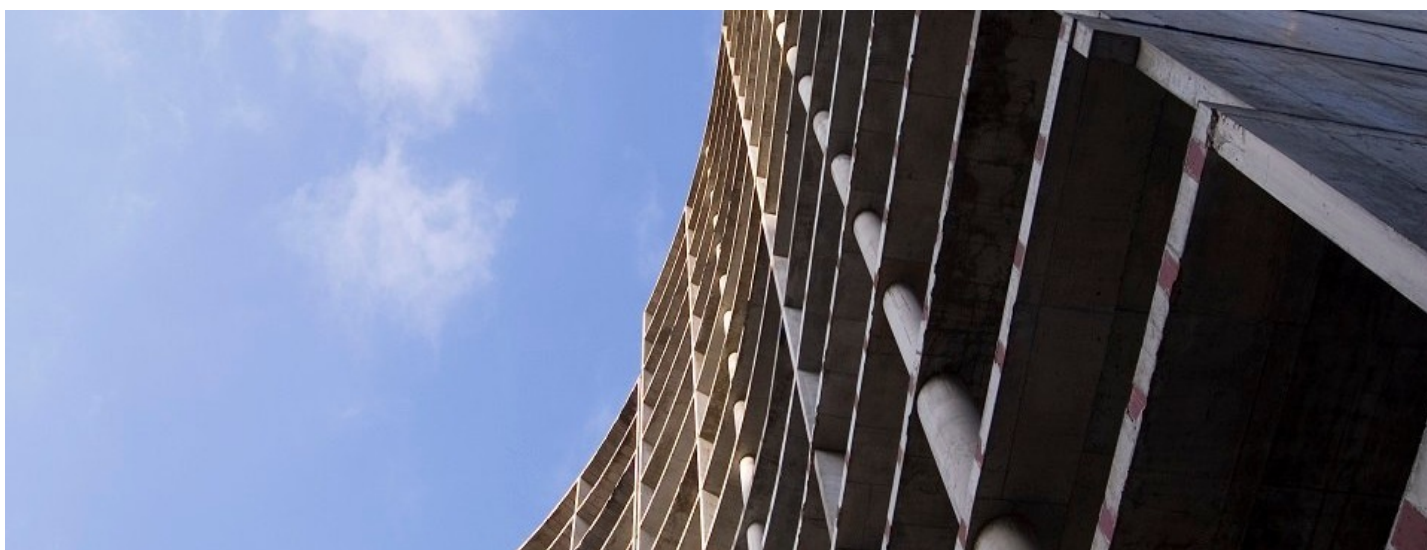


Structures Testing



We embrace both new and existing technologies to provide expert structural inspection, testing and investigation work. Our Structures services include [Street Light Column Testing](#) and [Sports Stadia Barrier Testing](#).

We work extensively with construction contractors, civil engineers, highways agencies and local authorities

Our Structural Testing Services include:

- Inspection and testing of reinforced concrete structures
- Half-cell potential, depth of carbonation, cover to reinforcement and resistivity
- Concrete core and dust sampling for laboratory analysis
- Diamond core sampling of concrete and bituminous highway construction
- Surveys of structures for high alumina cement (HAC) and chemical attack
- *In situ* load testing on holding-down bolts, fixings and lift beams, etc
- Risk assessment and *in situ* load testing of barriers at sports stadia
- Surface slip and skid resistance
- Full scale structural load testing
- Concrete floor slab testing
- Relative humidity monitoring
- Inspection and testing of steel lighting columns
- Bond / pull off testing

Methodologies combined with the specific expertise and knowledge results in a quality testing operation for a range of structures including:

- Sports stadia

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- Road, rail and river bridges
- Sea defences
- Multi-storey car parks
- Commercial and domestic properties
- Highways
- Street Lighting

Please visit the UKAS website for our [scope of accreditations](#).

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