

In Situ Geotechnical Testing

What is In Situ Geotechnical Testing?

In Situ Geotechnical Testing is on site testing to facilitate civil engineering design and construction. It is an essential feature of any construction project since all subsequent work relies on the accuracy of information obtained from the geotechnical survey.

REC provides geotechnical consultancy services for all aspects of ground works such as:

- Foundations
- retaining walls
- ground improvement
- installation of vertical in-ground barriers
- soil stabilisation
- piling excavation of cuttings; and
- placement of embankments and remediated fill.

Why carry out In Situ Geotechnical Testing?

A major factor causing project delays and cost overruns, is unforeseen ground conditions. The solution to avoiding these delays is accurate ground condition data and a thorough understanding of the potential soil, rock and groundwater interactions.

Why choose REC?

REC promotes the concept of maximising the value of the intrusive investigations by combining the geotechnical and contamination assessment.

REC provides high quality cost effective foundation options with complimentary remedial programmes for a full range of impacted sites, from gasworks to garages, and timber yards to tanneries.

Summary of In Situ Geotechnical Testing

- Plate Load Testing.
- Mexeprobe Testing.
- CBR Estimation.
- Sand Replacement Density Testing.
- Hand Vane Shear Strength Testing



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REC Group Services include: ■ Geo-environmental Site Investigation & Risk Assessment, ■ Brownfield Site Remediation, ■ Ecological Surveys ■ Asbestos Surveys, Analysis & Clearance Certification ■ MCERTS accredited Stack Emission Monitoring ■ Air Quality & Odour Monitoring & Assessment ■ COSHH Monitoring Assessments ■ UKAS & MCERTS Accredited Laboratory Analysis

UK Offices in Manchester, Birmingham, Braintree, Fareham, Huddersfield, Newcastle, Port Talbot
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