



## Chemical Analysis

Our Chemistry Laboratory performs a wide range of analyses on materials associated with the construction industry including contaminated land issues, problems such as sulphate attack and other deleterious reactions, the presence and conditions of H.A.C. and concrete failure of materials (e.g. floor screeds, renders, plasters and cementitious coatings.)



Analyses are carried out to the highest quality standards and in accordance with UKAS schedule of accreditation to BS/EN/ISO/IEC 17025.

**Concrete:** Determination of cement, alkali oxide, chloride ion, sulphate and GGBFS content of hardened concrete to BS 1881, water/cement ratio, H.A.C. presence, petrographic analysis.

**Mortars, Screeds & Plasters:** Mix proportion analyses, chloride and sulphate content and other chemical analyses to BS 4551.



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quality testing



## How can we help?

- **Soils & Ground Waters:** Organic matter content, pH value, sulphate content to BS 1377, testing and analysis of topsoil to BS 3882.
- **Aggregates:** Water soluble chloride salts, total sulphate, water soluble sulphate, acid soluble material to BS 812.
- **Organic Contaminants:** Site investigation and testing of contaminated land providing identification of the location, nature and concentration of a range of common contaminants including TPHs, PAHs, PCBs & BTEX; a valuable aid to effective remediation.

**Using internationally recognised BS, BS, EN, ASTM and DIN standards alongside in-house methods, you can be assured of a professional and completely independent testing and analysis service.**



### How to contact us

Please call us on +44 (0)1332 383333 or email: [cmtenquiries@kiwa.co.uk](mailto:cmtenquiries@kiwa.co.uk) and we will get straight back to you. Why? Because we like to help.

[www.kiwa.co.uk](http://www.kiwa.co.uk)

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