

CMT Laboratory Services

Our Chemistry Laboratory performs a wide range of analyses on materials associated with the construction industry

Concrete: Determination of cement, alkali oxide, chloride ion, sulphate and GGBFS content of hardened concrete to BS1881, water/cement ratio, H.A.C presence, petrographic analysis

Mortars, Screeds & Plasters: Mix proportion analyses of mortars, screeds and plasters, chloride and sulphate content and other chemical analyses to BS 4551

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 TPH's, PAH's, PCB's, BTEX etc. a valuable aid to effective remediation.

Routinely CMT Testing are involved with sampling and on-site investigation relating to construction and development, including contaminated land issues, problems such as sulphate attack and other deleterious reactions, the presence and conditions of H.A.C. 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.

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CMT is UKAS accredited to BS/EN/ISO/IEC 17025.

