

Chemical Analysis

CMC, Construction Materials Consultants, Inc., offers a variety of chemical analyses of cement, aggregate, concrete, mortar, grout, and various other construction materials. A few commonly requested chemical analyses include:

- Major Element and Oxide Analyses
- Chloride Analysis of Concrete
- Sulfate Analysis of Concrete
- Analysis of Organic Admixtures in Concrete
- pH Analysis of Construction Materials

These analyses are helpful for materials evaluation and failure investigation of construction projects such as:

- Chemical Composition of a Construction Material
- Conformance to Chemical Requirements of ASTM Specifications of Portland Cement, Fly Ash, Slag, Silica Fume, and Other Construction Materials
- Corrosion of Reinforcing Steel in Concrete
- Salt-Scaling of Concrete
- Sulfate and Acid Attacks in Concrete
- Abnormal Setting Behavior of Concrete

Rapid Chloride Analysis by Automated Titration



CMC

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For detailed information about
other testing, evaluation, and
consulting services, please visit
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www.cmc-concrete.com

