

Aggregate Testing

CTLGroup offers a wide range of testing and consulting services to the aggregate industry. By using these services, aggregate manufacturers can not only learn more about the properties of their products, but can also promote and document those properties for their customers. As an AASHTO-accredited laboratory,

CTLGroup qualifies aggregates using ASTM C33 and produces test results that are accepted by state Departments of Transportation and recognized throughout the industry as meeting the highest quality standards.

CTLGroup Aggregate Testing Services Include:

Aggregate Constituents

Using Petrographic examination methods, CTLGroup experts identify and characterize individual aggregate fractions with respect to rock types, particle shape, surface texture and condition and possible reactive constituents.

Aggregate Contaminants

CTLGroup tests aggregates for staining potential, organic impurities, clay and other contaminants. We also examine

aggregate particles to determine if there will be anything problematic in high PH environments

Gate Reactivity

CTLGroup tests aggregate for potentially deleterious reactivity in the presence of alkalis in cement, using both petrographic examination and standard ASTM test methods.

Specialized Testing

Certain concrete applications require specialized testing to ensure optimal concrete performance. These applications include: Radiation Shielding; Chemical Resistance, Heat Resistance, Abrasion Resistance, and more. CTLGroup's fully-equipped petrographic, chemical, and physical testing laboratories can perform all tests needed to ensure the performance of aggregates.

