

GeoTesting Express, Inc. (GTX), is fully equipped to test and evaluate aggregates for use in asphalt concrete, Portland cement concrete and other construction products.

We are accredited by AASHTO and validated by the U.S. Army Corps of Engineers for performing aggregate testing.

Aggregate Testing

Capabilities of GeoTesting Express' Aggregate Testing

GeoTesting Express follows ASTM, AASHTO and U.S. Army Corps of Engineers test standards. We participate in the AASHTO proficiency testing program and consistently receive the highest possible rating. Our experienced staff participates in the American Society for Testing and Materials (ASTM), working to develop new test standards and improve existing ones. We can assist in developing project-specific specifications.

Typical Aggregate Tests Performed	Test Method
Calcium Carbonate Content of Aggregate	ASTM D3042
Clay Lumps and Friable Particles	ASTM C142 / AASHTO T 112
Flat and Elongated Particles	ASTM D4791
Fine Aggregate Angularity	ASTM C1252 / AASHTO T 304
Fractured Faces	ASTM D5821
Lightweight Pieces	ASTM C123 / AASHTO T 113
Organic Impurities	ASTM C40 / AASHTO T 21
Resistance to Degradation by Los Angeles Abrasion	ASTM C131 / C535 / T 96
Sand Equivalent	ASTM D2419 / AASHTO T 176
Sieve Analysis & % Passing #200 Sieve	ASTM C136 / C117 / AASHTO T 27 / T 11
Soundness by Freezing and Thawing	AASHTO T103
Soundness by Sodium Sulfate or Magnesium Sulfate	ASTM C88 / AASHTO T 104
Specific Gravity and Absorption—Coarse Aggregate	ASTM C127 / AASHTO T 85
Specific Gravity and Absorption—Fine Aggregate	ASTM C128 / AASHTO T 84
Total Moisture Content	ASTM C566 / AASHTO T 255
Unit Weight and Voids	ASTM C29 / AASHTO T 19

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