



CAPABILITIES Brochure

1304 Langham Creek Dr, Suite 130, Houston, TX

AGGREGATES

ASTM C136/C136M: Sieve Analysis
(Particle Size Distribution)

ASTM C117: Materials Finer than 75- μm (No. 200) Sieve by Washing

ASTM C128: Specific Gravity and Absorption

ASTM C40: Organic Impurities

ASTM C136/C136M: Sieve Analysis (Particle Size Distribution)

ASTM C127: Specific Gravity and Absorption

Tests for Both Coarse and Fine Aggregates

ASTM C29/C29M: Bulk Density (Unit Weight) and Voids

ASTM C566: Total Evaporable Moisture Content

CONCRETE

ASTM C143/C143M: Slump Test

ASTM C231/C231M: Air Content by Pressure Method

ASTM C138/C138M: Density (Unit Weight) and Yield

ASTM C1064/C1064M: Temperature of Freshly Mixed Concrete

ASTM C39/C39M: Compressive Strength of Cylindrical Specimens

ASTM C78/C78M: Flexural Strength (Third-Point Loading)

ASTM C496/C496M: Splitting Tensile Strength

ASTM C469/C469M: Static Modulus of Elasticity and Poisson's Ratio

ASTM C642: Density, Absorption, and Voids in Hardened Concrete

ASTM C109/C109M: Compressive Strength of Hydraulic Cement Mortars





SOILS

ASTM D2487: Unified Soil Classification System (USCS)

ASTM D422/D6913: Particle Size Analysis (Sieve Analysis)

ASTM D4318: Atterberg Limits (Liquid Limit, Plastic Limit, Plasticity Index)

ASTM D2216: Water Content Determination

ASTM D7928: Hydrometer Analysis (for fine-grained soils)

ASTM D698: Standard Proctor Compaction Test

ASTM D1557: Modified Proctor Compaction Test

ASTM D2166: Unconfined Compressive Strength

ASTM D2850: Unconsolidated-Undrained Triaxial Compression Test

ASTM D4767: Consolidated-Undrained Triaxial Compression Test

ASTM D5084: Flexible Wall Permeability (for fine-grained soils)

ASTM D4972: pH of Soils

ASTM D4373: Calcium Carbonate Content

ASTM G187: Sulfate Content

ASTM D4972: Organic Content

info@tbstesting.com, www.tbstesting.com