



**USACE CERTIFICATE  
OF  
LABORATORY VALIDATION**



**GeoTest, Inc.**

**686 Progress Way, Unit 4  
Sun Prairie, WI,  
Gregory Schmidt  
(414) 349-8883**

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

**THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF  
GENERATION:**

**18 FEB 2022 AT 13:49 HOURS**

**ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 01/12/2024**

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON  
OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

Chad A. Gartrell, PE, Director  
USACE Materials Testing Center  
Vicksburg, Mississippi, USA

**AGGREGATE**

Aggregate - D 75 - Opt - Sampling  
Aggregate - C 117 - Req - Material Finer than 75 µm (No. 200) Sieve  
Aggregate - C 127 - Req - Specific Gravity & Absorption in Coarse Aggregate  
Aggregate - C 128 - Req - Specific Gravity & Absorption in Fine Aggregate  
Aggregate - C 136 - Req - Sieve Analysis of Aggregates  
Aggregate - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection  
Aggregate - C 702 - Opt - Reducing Samples to Testing Size  
Aggregate - C 1077 - Opt - Concrete and Concrete Aggregate Testing Standards (Quality Standards)

**CONCRETE**

Concrete - C 31 - Req - Making and Curing Test Specimens in the Field  
Concrete - C 39 - Req - Compressive Strength of Cylindrical Specimens  
Concrete - C 42 - Opt - Drilled Cores and Sawed Beams  
Concrete - C 78 - Opt - Flexural Strength by Third Point Loading  
Concrete - C 138 - Req - Unit Weight and Air Content by Gravimetric  
Concrete - C 143 - Req - Slump  
Concrete - C 172 - Req - Sampling  
Concrete - C 173 - Req - Air Content by Volumetric \*\*\*required if C231 not performed\*\*\*  
Concrete - C 174 - Opt - Concrete Thickness by Drilled Cores  
Concrete - C 231 - Req - Air Content by Pressure \*\*\*required if C173 not performed\*\*\*  
Concrete - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection  
Concrete - C 470 - Opt - Molds for Forming Concrete Test Cylinders Vertically  
Concrete - C 511 - Opt - Moist Cabinets, Moist Rooms, Water Storage Tanks  
Concrete - C 617 - Opt - Capping Cylindrical Specimens  
Concrete - C 1064 - Req - Temperature of Concrete  
Concrete - C 1077 - Opt - Concrete and Concrete Aggregate Testing Standards (Quality Standards)  
Concrete - C 1231 - Opt - Unbonded Caps

**SOILS**

Soils - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection  
Soils - D 698 - Req - Compaction Characteristics by Standard Effort  
Soils - D 1557 - Req - Compaction Characteristics by Modified Effort  
Soils - D 2216 - Req - Water Content  
Soils - D 3740 - Opt - Soil and Rock Testing Standards (Quality Standard)  
Soils - D 4318 - Req - Liquid & Plastic Limits & Plasticity Index  
Soils - D 4718 - Opt - Correction of Unit Weight and Water Content for Soils Containing Oversize Particles  
Soils - D 6938 - Req - Density and Water Content by Shallow Depth Nuclear Method

**SPRAYED FIRE RESISTIVE**

Sprayed Fire Resistive - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection  
Sprayed Fire Resistive - E 605 - Opt - Thickness and Density of Sprayed Fire Resistive Material (SFRM) Applied to Structural Members  
Sprayed Fire Resistive - E 736 - Opt - Cohesion Adhesion of Sprayed Fire Resistive Materials Applied to Structural Members