



USACE CERTIFICATE
OF
LABORATORY VALIDATION



TEAM Services, Inc.

717 S E 6th Street
Des Moines, IA, United States
Shelley Curtis
(515) 282-8818

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 NOV 2024 AT 06:41 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 10/15/2026

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 - Sampling
Aggregate - C 117 - Material Finer than 75 μm (No. 200) Sieve
Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 131 - Los Angeles Abrasion Resistance on Small-Size Coarse Aggregate
Aggregate - C 136 - Sieve Analysis of Aggregates
Aggregate - C 535 - Los Angeles Abrasion Resistance on Large Size Coarse Aggregate
Aggregate - C 702 - Reducing Samples to Testing Size
Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Aggregate - C 1260 - Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)

BITUMINOUS

Bituminous - D 140 - Sampling Bituminous Materials
Bituminous - D 2041 - Theoretical Maximum Specific Gravity & Density (Rice)
Bituminous - D 2726 - Bulk Specific Gravity and Density
Bituminous - D 3203 - Percent Air Voids
Bituminous - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
Bituminous - D 5444 - Mechanical Size Analysis of Extracted Aggregate
Bituminous - D 6925 - Relative Density of Asphalts by Superpave Gyrotory Compactor
Bituminous - D 6926 - Preparation of Bituminous Specimens using Marshall
Bituminous - D 6927 - Marshall Stability and Flow of Bituminous Mixtures

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 78 - Flexural Strength by Third Point Loading
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 172 - Sampling
Concrete - C 173 - Air Content by Volumetric ***required if C231 not performed***
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - C 470 - Molds for Forming Concrete Test Cylinders Vertically
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Unbonded Caps

MASONRY

Masonry - C 780 - Evaluation of Mortars for Plain and Reinforced Unit Masonry
Masonry - C 1019 - Sampling and Testing Grout
Masonry - C 1093 - Masonry Testing Standard (Quality Standards)

SOILS

Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Soils - D 698 - Compaction Characteristics by Standard Effort
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 1883 - CA Bearing Ratio (CBR)
Soils - D 2168 - Calibration of Laboratory Mechanical-Rammer Soil Compactors
Soils - D 2216 - Water Content
Soils - D 2487 - Classification of Soils
Soils - D 3740 - Soil and Rock Testing Standards (Quality Standard)
Soils - D 4253 - Maximum Index Density by Vibratory Table
Soils - D 4254 - Minimum Index Density
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Soils - D 5084 - Hydraulic Conductivity using a Flexible Wall Permeameter
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method



USACE CERTIFICATE
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LABORATORY VALIDATION



ISG-TEAM, Inc.
4722 South 135th St.
Omaha, NE, United States
Daniel Snyder
(515) 282-8818

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

25 FEB 2025 AT 12:11 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 02/17/2027

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

AGGREGATE

Aggregate - D 75 - Sampling
Aggregate - C 117 - Material Finer than 75 µm (No. 200) Sieve
Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 136 - Sieve Analysis of Aggregates
Aggregate - C 702 - Reducing Samples to Testing Size
Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Aggregate - C 1260 - Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 78 - Flexural Strength by Third Point Loading
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 172 - Sampling
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - C 293 - Flexural Strength by Center Point Loading
Concrete - C 470 - Molds for Forming Concrete Test Cylinders Vertically
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Unbonded Caps

SOILS

Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Soils - D 698 - Compaction Characteristics by Standard Effort
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 2166 - Unconfined Compressive Strength
Soils - D 2216 - Water Content
Soils - D 2487 - Classification of Soils
Soils - D 3740 - Soil and Rock Testing Standards (Quality Standard)
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method