



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

GeoTest, Inc.
2135 South 116th Street
West Allis, WI 53227

Fulfills the requirements of

ISO/IEC 17025:2017

and the

**NACLA Recognized U.S. Federal Highway Administration
(FHWA) Construction Materials Testing Accreditation Program**

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R.D.L.', is positioned above a solid horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 27 July 2021
Certificate Number: L2296



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017
AND THE
NACLA RECOGNIZED U.S. FEDERAL HIGHWAY ADMINISTRATION
(FHWA) CONSTRUCTION MATERIALS TESTING ACCREDITATION
PROGRAM ¹**

GeoTest, Inc.

2135 South 116th Street
West Allis, WI 53227

Michael Markgraf
414-343-6207

TESTING

Valid to: **July 27, 2021**

Certificate Number: **L2296**

Construction Materials

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested
Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants	ASTM D421 AASHTO R58	Soil
Particle-Size Analysis of Soils	ASTM D7928 ASTM 6923 AASHTO T88	Soil
Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft ³ (600 kN-m/m ³))	ASTM D698 AASHTO T99	Soil
Amount of Material in Soils Finer than No. 200 (75- μ m) Sieve	ASTM D1140	Soil
Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))	ASTM D1557 AASHTO T180	Soil
Unconfined Compressive Strength of Cohesive Soil	ASTM D2166 AASHTO T208	Soil
Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216 AASHTO T265	Soil
One-Dimensional Consolidation Properties of Soils Using Incremental Loading	ASTM D2435 AASHTO T216	Soil
Classification of Soils for Engineering Purposes (Unified Soil Classification System)	ASTM D2487	Soil
Description and Identification of Soils (Visual-Manual Procedure)	ASTM D2488	Soil

Construction Materials

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested
Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils	ASTM D2850 AASHTO T296	Soil
Liquid Limit, Plastic Limit, and Plasticity Index of Soils	ASTM D4318 AASHTO T89 AASHTO T90	Soil
Consolidated Undrained Triaxial Compression Test for Cohesive Soils	ASTM D4767 AASHTO T297	Soil
Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	ASTM D5084	Soil
In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	ASTM D6938 AASHTO T310	Soil
Bulk Density ("Unit Weight") and Voids in Aggregate	ASTM C29 AASHTO T19	Aggregate
Organic Impurities in Fine Aggregates for Concrete	ASTM C40 AASHTO T21	Aggregate
Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C117 AASHTO T11	Aggregate
Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	ASTM C127 AASHTO T85	Aggregate
Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate	ASTM C128 AASHTO T84	Aggregate
Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	ASTM C131 AASHTO T96	Aggregate
Sieve Analysis of Fine and Coarse Aggregates	ASTM C136 AASHTO T27	Aggregate
Clay Lumps and Friable Particles in Aggregates	ASTM C142 AASHTO T112	Aggregate
Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	ASTM C535	Aggregate
Total Evaporable Moisture Content of Aggregate by Drying	ASTM C566 AASHTO T255	Aggregate
Reducing Samples of Aggregate to Testing Size	ASTM C702 AASHTO R76	Aggregate
Making and Curing Concrete Test Specimens in the Field	ASTM C31 AASHTO T23	Concrete

Construction Materials

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested
Compressive Strength of Cylindrical Concrete Specimens	ASTM C39 AASHTO T22	Concrete
Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	ASTM C42 AASHTO T24	Concrete
Flexural Strength of Concrete Using Simple Beam with Third-Point Loading	ASTM C78 AASHTO T97	Concrete
Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete	ASTM C138 AASHTO T121	Concrete
Slump of Hydraulic-Cement Concrete	ASTM C143 AASHTO T119	Concrete
Sampling Freshly Mixed Concrete	ASTM C172 AASHTO T141	Concrete
Air Content of Freshly Mixed Concrete by the Volumetric Method	ASTM C173 AASHTO T196	Concrete
Measuring Thickness of Concrete Elements using Drilled Concrete Cores	ASTM C174 AASHTO T148	Concrete
Making and Curing Concrete Test Specimens in the Laboratory	ASTM C192	Concrete
Air Content of Freshly Mixed Concrete by the Pressure Method	ASTM C231 AASHTO T152	Concrete
Capping Cylindrical Concrete Specimens	ASTM C617 AASHTO T231	Concrete
Temperature of Freshly Mixed Hydraulic-Cement Concrete	ASTM C1064	Concrete
Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	ASTM C1231	Concrete
Standard Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes	ASTM C511 AASHTO M201	Concrete

Note:

1. AASHTO R18-2016, ASTM D3666, ASTM C1077, ASTM E329, ASTM D3740 as specified in the ANAB Construction Materials Testing Laboratory Accreditation Program based on National Institute of Standards and Technology (NIST) Interagency Report 7012 (NISTIR 7012), "Technical Requirements for Construction Materials Testing" as defined in NACLA Construction Materials Testing Accreditation Requirements.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2296.



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