AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Gestra Engineering, Inc.

in

Milwaukee, Wisconsin, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 04/30/2026 at 2:50 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Gestra Engineering, Inc.

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/13/2009
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/28/2020
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/28/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/19/2024
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/30/2026
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/30/2026

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Soil

Standard:	Accredited Since:
T100 Specific Gravity of Soils	01/12/2012
T310 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	07/21/2021
T311 Grain-Size Analysis of Granular Soil Materials	07/19/2024
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/10/2018
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/12/2012
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/12/2012
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/12/2012
D1883 The California Bearing Ratio	07/19/2024
D2166 Unconfined Compressive Strength of Cohesive Soil	07/13/2009
D2216 Laboratory Determination of Moisture Content of Soils	01/12/2012
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	07/13/2009
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/12/2012
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	07/13/2009
D2974 Determination of Organic Content in Soils by Loss on Ignition	01/12/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/12/2012
D4318 Plastic Limit of Soils (Atterberg Limits)	04/15/2016
D4718 Oversize Particle Correction	07/19/2024
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	07/13/2009
D4972 pH Testing of Soils	01/12/2012
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	01/12/2012
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	07/19/2024
D7263 Density and Unit Weight of Soil	07/19/2024
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	07/19/2024

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	04/30/2026
R90	Sampling Aggregate	07/19/2024
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/30/2026
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/30/2026
T21	Organic Impurities in Fine Aggregates for Concrete	04/30/2026
T27	Sieve Analysis of Fine and Coarse Aggregates	04/30/2026
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/30/2026
T85	Specific Gravity and Absorption of Coarse Aggregate	04/30/2026
T103	Soundness of Aggregates by Freezing and Thawing	07/19/2024
T113	Lightweight Pieces in Aggregate	04/30/2026
T255	Total Moisture Content of Aggregate by Drying	04/30/2026
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/19/2024
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	07/19/2024
C40	Organic Impurities in Fine Aggregates for Concrete	02/28/2020
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/28/2020
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/15/2016
C123	Lightweight Pieces in Aggregate	07/19/2024
C127	Specific Gravity and Absorption of Coarse Aggregate	02/28/2020
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/28/2020
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/28/2020
C136	Sieve Analysis of Fine and Coarse Aggregates	01/12/2012
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/28/2020
C566	Total Moisture Content of Aggregate by Drying	02/28/2020

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Aggregate (Continued)

Standard:	Accredited Since:
C702 Reducing Samples of Aggregate to Testing Size	02/28/2020
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	07/19/2024

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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/30/2026
R39	Making and Curing Concrete Test Specimens in the Laboratory	04/30/2026
R60	Sampling Freshly Mixed Concrete	04/30/2026
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/30/2026
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/30/2026
T22	Compressive Strength of Cylindrical Concrete Specimens	04/30/2026
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/30/2026
T119	Slump of Hydraulic Cement Concrete	04/30/2026
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/30/2026
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/30/2026
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/30/2026
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	04/30/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/30/2026
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/28/2020
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/28/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	02/28/2020
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/28/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/28/2020
C143	Slump of Hydraulic Cement Concrete	02/28/2020
C172	Sampling Freshly Mixed Concrete	02/28/2020
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/30/2026
C192	Making and Curing Concrete Test Specimens in the Laboratory	04/30/2026
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/28/2020

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Concrete (Continued)

Standard:		Accredited Since:
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/28/2020
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	04/30/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/28/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/28/2020