



CERTIFICATE OF ACCREDITATION



Metro Consulting Associates, Inc.

in

Detroit, Michigan, 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).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 05/31/2026 at 1:22 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Metro Consulting Associates, Inc.

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/28/2023
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/28/2023
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/28/2023
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	05/08/2023
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	05/19/2023
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/28/2023
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/28/2023
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/19/2023



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Soil

Standard:

Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/29/2024
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/08/2023
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	05/08/2023
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/08/2023
D2216 Laboratory Determination of Moisture Content of Soils	05/08/2023
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	07/29/2024
D2488 Description and Identification of Soils (Visual-Manual Procedure)	05/08/2023
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	07/29/2024
D4318 Plastic Limit of Soils (Atterberg Limits)	07/29/2024
D4718 Oversize Particle Correction	05/08/2023
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	07/29/2024
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/08/2023



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Aggregate

Standard:

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C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/28/2023
C40	Organic Impurities in Fine Aggregates for Concrete	04/28/2023
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/29/2024
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	04/28/2023
C127	Specific Gravity and Absorption of Coarse Aggregate	04/28/2023
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/28/2023
C136	Sieve Analysis of Fine and Coarse Aggregates	04/28/2023
C142	Clay Lumps and Friable Particles in Aggregate	05/08/2023
C566	Total Moisture Content of Aggregate by Drying	04/28/2023
C702	Reducing Samples of Aggregate to Testing Size	04/28/2023
D75	Sampling Aggregate	05/08/2023
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/08/2023
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/08/2023



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Concrete

Standard:

Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/28/2023
C39	Compressive Strength of Cylindrical Concrete Specimens	04/28/2023
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/28/2023
C143	Slump of Hydraulic Cement Concrete	04/28/2023
C172	Sampling Freshly Mixed Concrete	04/28/2023
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/28/2023
C192	Making and Curing Concrete Test Specimens in the Laboratory	04/28/2023
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/28/2023
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/28/2023
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/28/2023
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/28/2023