AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

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).

Jim Tymon,
AASHTO Executive Director

Matt Linneman,
AASHTO COMP Chair

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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-µm) 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:		Accredited Since:
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-µm (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

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