AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Stahl Sheaffer Engineering, LLC

in

Canonsburg, Pennsylvania, 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 09/07/2024 at 11:30 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Stahl Sheaffer Engineering, LLC

in Canonsburg, Pennsylvania, USA

Quality Management System

Standard:	Accredited Since:
R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	06/29/2016

Scope of AASHTO Accreditation for:

Stahl Sheaffer Engineering, LLC

in Canonsburg, Pennsylvania, USA

Asphalt Mixture

Standard:		Accredited Since:
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	06/29/2016
T30	Mechanical Analysis of Extracted Aggregate	06/29/2016
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	06/29/2016
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	06/29/2016
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	06/29/2016
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/29/2016
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/29/2016
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	09/07/2017
T355	Density of Bituminous Concrete In Place by Nuclear Methods	02/27/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	06/29/2016
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	06/29/2016
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	02/27/2020
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	06/29/2016
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/19/2022
D5444	Mechanical Analysis of Extracted Aggregate	06/29/2016
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/29/2016
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	06/29/2016
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	06/29/2016

Scope of AASHTO Accreditation for:

Stahl Sheaffer Engineering, LLC

in Canonsburg, Pennsylvania, USA

Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/07/2017
T88	Particle Size Analysis of Soils by Hydrometer	09/19/2017
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	06/29/2016
T90	Plastic Limit of Soils (Atterberg Limits)	06/29/2016
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/29/2016
T100	Specific Gravity of Soils	09/19/2017
T134	Moisture-Density Relations of Soil-Cement Mixtures	06/29/2016
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/29/2016
T193	The California Bearing Ratio	06/29/2016
T208	Unconfined Compressive Strength of Cohesive Soil	09/07/2017
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	09/19/2022
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	02/27/2020
T265	Laboratory Determination of Moisture Content of Soils	06/29/2016
T267	Determination of Organic Content in Soils by Loss on Ignition	09/07/2017
T288	Minimum Soil Resistivity	02/27/2020
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/27/2020
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/27/2020
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/07/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	09/07/2017
D422	Particle Size Analysis of Soils by Hydrometer	09/19/2017
D558	Moisture-Density Relations of Soil-Cement Mixtures	06/29/2016
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	06/29/2016
D854	Specific Gravity of Soils	09/19/2017

Scope of AASHTO Accreditation for:

Stahl Sheaffer Engineering, LLC

in Canonsburg, Pennsylvania, USA

Soil (Continued)

Standard:	Accredited Since:
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	06/29/2016
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	06/29/2016
D1883 The California Bearing Ratio	06/29/2016
D2166 Unconfined Compressive Strength of Cohesive Soil	09/07/2017
D2216 Laboratory Determination of Moisture Content of Soils	06/29/2016
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	09/19/2022
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	06/29/2016
D2488 Description and Identification of Soils (Visual-Manual Procedure)	06/29/2016
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/27/2020
D2974 Determination of Organic Content in Soils by Loss on Ignition	09/07/2017
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	09/19/2022
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	06/29/2016
D4318 Plastic Limit of Soils (Atterberg Limits)	06/29/2016
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/27/2020
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	09/07/2017
D6951 Dynamic Cone Penetrometer In Shallow Pavement Applications	02/27/2020
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	09/19/2022

Scope of AASHTO Accreditation for:

Stahl Sheaffer Engineering, LLC

in Canonsburg, Pennsylvania, USA

Rock

Standard:		Accredited Since:
D4644	Slake Durability of Shales and Weak Rocks	09/19/2022
D5731	Point Load Strength Index of Rock	09/19/2022
D7012 (Method C without D4543 sample preparation)	Compressive Strength of Rock Core Specimens (Method C without D4543 preparation)	02/27/2020

Scope of AASHTO Accreditation for:

Stahl Sheaffer Engineering, LLC

in Canonsburg, Pennsylvania, USA

Aggregate

Standard:	Accredited Since:
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/29/2016
T27 Sieve Analysis of Fine and Coarse Aggregates	06/29/2016
T255 Total Moisture Content of Aggregate by Drying	09/07/2017
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	06/29/2016
C136 Sieve Analysis of Fine and Coarse Aggregates	06/29/2016
C566 Total Moisture Content of Aggregate by Drying	09/07/2017