



CERTIFICATE OF ACCREDITATION



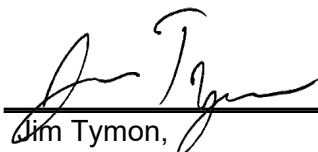
SHL Engineering P.C. dba Soil Mechanics Drilling

in

Seaford, New York, 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 10/28/2026 at 4:52 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

SHL Engineering P.C. dba Soil Mechanics Drilling
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	07/25/2011
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	07/25/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	07/25/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/25/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/25/2011



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Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	03/17/2022
R90 Sampling Aggregate	03/17/2022
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	03/17/2022
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	03/17/2022
T21 Organic Impurities in Fine Aggregates for Concrete	03/17/2022
T27 Sieve Analysis of Fine and Coarse Aggregates	03/17/2022
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/17/2022
T85 Specific Gravity and Absorption of Coarse Aggregate	03/17/2022
T255 Total Moisture Content of Aggregate by Drying	03/17/2022
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	11/04/2016
C40 Organic Impurities in Fine Aggregates for Concrete	07/25/2011
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	07/25/2011
C127 Specific Gravity and Absorption of Coarse Aggregate	07/25/2011
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	07/25/2011
C136 Sieve Analysis of Fine and Coarse Aggregates	07/25/2011
C566 Total Moisture Content of Aggregate by Drying	07/25/2011
C702 Reducing Samples of Aggregate to Testing Size	07/25/2011
D75 Sampling Aggregate	11/04/2016



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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	03/17/2022
R60	Sampling Freshly Mixed Concrete	03/17/2022
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/17/2022
T22	Compressive Strength of Cylindrical Concrete Specimens	03/17/2022
T24 (Drilling Cores of Concrete)	Drilling Cores of Concrete	03/17/2022
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	03/17/2022
T119	Slump of Hydraulic Cement Concrete	03/17/2022
T121	Density (Unit Weight), Yield, and Air Content of Concrete	03/17/2022
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	03/17/2022
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	03/17/2022
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	02/10/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	03/17/2022
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	07/25/2011
C39	Compressive Strength of Cylindrical Concrete Specimens	07/25/2011
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	03/07/2014
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	03/07/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	07/25/2011
C143	Slump of Hydraulic Cement Concrete	07/25/2011
C172	Sampling Freshly Mixed Concrete	07/25/2011
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	07/25/2011
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	07/25/2011
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/07/2014
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	02/10/2026



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Concrete (Continued)

Standard:

Accredited Since:

C803	Penetration Resistance of Hardened Concrete	11/04/2016
C1064	Temperature of Freshly Mixed Portland Cement Concrete	07/25/2011
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/17/2022
C1542	Measuring Length of Concrete Cores	11/04/2016



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Masonry

Standard:

Accredited Since:

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	11/04/2016
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	03/19/2019
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	03/17/2022
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	11/04/2016