AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Hirata & Associates, Inc.

in

Aiea, Hawaii, 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:

Hirata & Associates, Inc.

in Aiea, Hawaii, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	11/01/1999
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/18/2018

Scope of AASHTO Accreditation for:

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/01/1999
R74	Wet Preparation of Disturbed Soil Samples for Test	11/01/1999
T88	Particle Size Analysis of Soils by Hydrometer	11/01/1999
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	11/01/1999
T90	Plastic Limit of Soils (Atterberg Limits)	11/01/1999
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/01/1999
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/01/1999
T191	Density of Soil In-Place by the Sand Cone Method	11/01/1999
T193	The California Bearing Ratio	11/01/1999
T208	Unconfined Compressive Strength of Cohesive Soil	11/01/1999
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	11/01/1999
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	11/01/1999
T265	Laboratory Determination of Moisture Content of Soils	11/01/1999
T288	Minimum Soil Resistivity	08/31/2023
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	09/18/2018
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	09/18/2018
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/01/1999
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	11/01/1999
D422	Particle Size Analysis of Soils by Hydrometer	11/01/1999
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/01/1999
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	11/01/1999
D1556	Density of Soil In-Place by the Sand Cone Method	11/01/1999
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/01/1999

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Soil (Continued)

Standard:	Accredited Since:
D1883 The California Bearing Ratio	11/01/1999
D2166 Unconfined Compressive Strength of Cohesive Soil	11/01/1999
D2216 Laboratory Determination of Moisture Content of Soils	11/01/1999
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	11/01/1999
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	11/01/1999
D2488 Description and Identification of Soils (Visual-Manual Procedure)	11/01/1999
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	09/18/2018
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	11/01/1999
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	11/01/1999
D4318 Plastic Limit of Soils (Atterberg Limits)	11/01/1999
D4718 Oversize Particle Correction	10/28/2025
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	09/18/2018
D4829 Expansion Index of Soils	11/01/1999
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/01/1999
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	08/31/2023

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Aggregate

Standard:		Accredited Since:
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/15/2002
T21	Organic Impurities in Fine Aggregates for Concrete	08/31/2023
T27	Sieve Analysis of Fine and Coarse Aggregates	02/15/2002
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/31/2023
T85	Specific Gravity and Absorption of Coarse Aggregate	02/15/2002
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/15/2002
C40	Organic Impurities in Fine Aggregates for Concrete	08/31/2023
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/15/2002
C127	Specific Gravity and Absorption of Coarse Aggregate	02/15/2002
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	08/31/2023
C136	Sieve Analysis of Fine and Coarse Aggregates	02/15/2002
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/15/2002