



CERTIFICATE OF ACCREDITATION



Shelly Materials, Inc.
dba
Shelly Liquid Division

in

Cleveland, Ohio, 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:

Shelly Materials, Inc. dba Shelly Liquid Division

in Cleveland, Ohio, USA

Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	09/21/2007
D3666 (Asphalt Binder)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/06/2018



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Shelly Materials, Inc. dba Shelly Liquid Division

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Asphalt Binder

Standard:

Accredited Since:

R28	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	09/21/2007
R29	Grading or Verifying the Performance Grade of an Asphalt Binder	01/11/2021
T44	Solubility of Asphalt Materials in Trichloroethylene	07/06/2018
T48	Flash Point by Cleveland Open Cup	07/06/2018
T49	Penetration of Original Sample of Asphalt Cement	09/21/2007
T53	Softening Point of Bitumen (Ring-and-Ball Apparatus)	10/07/2026
T111	Ash Content of Asphalt and Emulsified Asphalt Residues	10/07/2026
T228	Specific Gravity (Relative Density) of Asphalt Cement	07/06/2018
T240	Rolling Thin-Film Oven Testing	09/21/2007
T313	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	09/21/2007
T315	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	09/21/2007
T316	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	09/21/2007
T350	Multiple Stress Creep and Recovery (MSCR)	07/06/2018
D5	Penetration of Original Sample of Asphalt Cement	09/21/2007
D36	Softening Point of Bitumen (Ring-and-Ball Apparatus)	10/07/2026
D70	Specific Gravity (Relative Density) of Asphalt Cement	07/06/2018
D92	Flash Point by Cleveland Open Cup	07/06/2018
D2042	Solubility of Asphalt Materials in Trichloroethylene	07/06/2018
D2872	Rolling Thin-Film Oven Testing	09/21/2007
D4402	Viscosity Determination of Asphalt Binder Using Rotational Viscometer	09/21/2007
D6521	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel	09/21/2007
D6648	Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	09/21/2007
D7175	Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	09/21/2007



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Asphalt Binder (Continued)

Standard:

Accredited Since:

D7405 Multiple Stress Creep and Recovery (MSCR)

07/06/2018

D8078 Ash Content of Asphalt and Emulsified Asphalt Residues

10/07/2026



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Emulsified Asphalt

Standard:

Accredited Since:

T59	Cement Mixing	01/11/2021
T59	Residue by Distillation	09/21/2007
T59	Residue by Evaporation	01/11/2021
T59	Settlement and Storage Stability	01/11/2021
T59	Sieve Test	07/06/2018
T59-T72	Saybolt Furol Viscosity at 25°C (77°F)	09/21/2007
D6930	Settlement and Storage Stability	01/11/2021
D6933	Sieve Test	07/06/2018
D6934	Residue by Evaporation	01/11/2021
D6935	Cement Mixing	01/11/2021
D6997	Residue by Distillation	09/21/2007
D7496-D88	Saybolt Furol Viscosity at 25°C (77°F)	09/21/2007