



SECTION 24 ASTM STANDARDS AND THEIR AASHTO DESIGNATIONS

(Standards May Not Be Identical)

ASTM	AASHTO	ASTM STANDARD
C29	T19	Test Method for Unit Weight and Voids in Aggregate
C88	T104	Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
C117	T11	Test Method for Materials Finer than 75 μm (No. 200) in Mineral Aggregates by Washing
C127	T85	Test Method for Specific Gravity and Absorption of Coarse Aggregate
C128	T84	Test Method for Specific Gravity and Absorption of Fine Aggregate
C131	T96	Resistance to Degradation of Small-Size Course Aggregate by Abrasion and Impact in the Los Angeles Machine
C136	T27	Method for Sieve Analysis of Fine and Coarse Aggregates
C183		Practice for Sampling and Testing Hydraulic Cement
D5	T49	Test Method for Penetration of Bituminous Materials
D75	T2	Practice for Sampling of Aggregates
D113	T51	Test Method for Ductility of Bituminous Materials
D139	T50	Test Method for float Test for Bituminous Materials
D140	T40	Practice for Sampling Bituminous Materials
D242	M17	Specification for Mineral Filler for Bituminous Paving Mixtures
D244	T59	Test Methods for Emulsified Asphalts
D424		Test Method for Plastic Limit and Plasticity Index of Soils
D448		Classification for Sizes of Aggregate for Road and Bridge Construction
D546	T37	Test Method for Sieve Analysis of Mineral Filler for Road and Paving Materials
D692	M283	Specification for Coarse Aggregate for Bituminous Paving Mixtures
D977	M140	Specification for Emulsified Asphalt
D979	T168	Practice for Sampling Bituminous Paving Mixtures
D1073	M29	Specification for Fine Aggregate for Bituminous Paving Mixtures
D1139		Specification for Aggregate for Single or Multiple Bituminous Surface Treatments
D1369		Practice for Quantities of Materials for Bituminous Surface Treatments
D1559	T245	Test Method for Resistance to Plastic flow of Bituminous Materials Using Marshall Apparatus
D1560	T246	Test Methods for Resistance to Deformation and Cohesion of Bituminous Materials by Means of Hveem Apparatus
D1664		Test Method for Coating and Stripping of Bitumen-Aggregate Mixtures
D2172	T164	Test for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
D2397	M208	Specification for Cationic Emulsified Asphalt
D2419	T176	Test Method for Sand Equivalent Values of Soils and Fine Aggregate
D2489		Test Method for Degree of Particle Coating of Bituminous-Aggregate Mixtures
D2995		Practice for Determining Application Rate of Bituminous Distributors
D3203	T269	Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures

ASTM	AASHTO	ASTM STANDARD
D3319		Practice for Accelerated Polishing of Aggregates Using the British Wheel
D3398		Test Method for Index of Aggregate Particle Shape and Texture
D3515	M156	Specification for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
D3625		Practice for Effect of Water on Bituminous Coated Aggregate Using Boiling Water
D3628	R5	Practice for Selection and Use of Asphalt Emulsion
D3665		Practice for Random Sampling of Construction Materials
D3744		Test Method for Aggregate Durability Index
D3910		Practices for Design, Testing, and Construction of Slurry Seal
D4215		Specification for Cold-Mixed, Cold-Laid Bituminous Paving Mixtures
D4791		Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
D5106		Specifications for Steel Slag Aggregates for Bituminous Paving Mixtures
D5360		Practice for Design and Construction of Bituminous Surface Treatments
D5361		Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing
D5505		Practice for Classifying Emulsified Recycling Agents
D5624		Test Method for Determining the Transverse Aggregate Spread Rate for Surface Treatment Applications
D5711		Test Method for Adherent Fines
D5821		Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate
D6372		Practices for Design, Testing, and Construction of Micro-Surfacing
D6627		Test Method for Determination of a Volatile Distillate Fraction of Cold Asphalt Mixtures
D6752		Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method
D6857		Test Method for Maximum Specific Gravity and Density of Bituminous Paving Mixtures Using Automatic Vacuum Sealing Method

