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ASTM	AASHTO	SASO		
D 421	T -87		Dry Preparation of Disturbed Soil and Soil -Aggregate Samples for Test	
D 422	T-88		Particles size analysis of Soils	
D 4318	T -89		Determining the Liquid Limit of Soil	
	T-90		Determining The Plastic Limit and Plasticity Index of Soils	
D 1556	T-191		Density of Soil In-Site by Sand Cone	
D 698	T-99		Moisture Density Relations of Soils Using (2.5Kg) Hammer and (305 mm) Drop	(,)
D 854	T-100		Specific Gravity of Soils	
-	T-134		Moisture- Density Relation of Soil-Cement Mixture	
-	T-135		Wetting and Drying Test of Compacted Soil-Cement Mixtures	
D 421	T-146		Wet Preparation of Disturbed Soil Samples for Tests	
D 1557	T-180		Moisture-Density Relationship) (,
D 1883	T-193		California Bearing Ratio	
D 2167	T-205		Density of soil in place by rubber –balloon method	
D 2216	T-265		Laboratory Determination of Soil Moisture	
D 2922	T-310		Density of soil and soil aggregate in place by nuclear methods (shallow depth)	()
-	T -311		Grain Size Analysis of Granular Soil Materials	

D 1663	-		Compressive strength of soil - cement mixture-	
D 3551	-		Method of laboratory preparation of soil-lime mixture	
D 4254	-		Minimum index density and unit weight and calculation of relative density	
D 5102	-		Unconfined compressive strength of compacted soil-lime mixtures	
-	T -194		Determination of organic mater in soil by wet combustion	
-	T -290		Determining water soluble sulfate ion content in soil	
-	T -291		Determining water soluble chloride ion content in soil	
C 51				

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ASTM	AASHTO		
C 117	T-11	Amount of material finer than 0.075 mm sieve in aggregate	
C 29 / 29M	T-19	Unit weight and voids in aggregate	
C 40	T-21	Organic impurities in fine aggregate for concrete	
C 128	T-84	Specific gravity and absorption of fine aggregate	
C 127	T-85	Specific gravity and absorption of coarse aggregate	
C 136	T-27	Sieve analysis of fine and coarse aggregate	
C 142	T-112	Clay lumps and friable particles in aggregate	
C 131	T-96	Resistance to abrasion of small size coarse aggregate by use of Los Angles Machine	

C 88	T-104	Soundness of aggregate by use of sodium or magnesium sulfate	
D 2419	T-176	Sand equivalent test	
D 75	T-2	Sampling of stone slag, gravel, sand, and stone blocks for use as highway materials	
D 1664	T-182	Coating and stripping of bituminous aggregate mixture	
D 4791	-	Flat and elongated particles in coarse aggregate	
D 5821	-	Determining the percent of fractured particles in coarse aggregate	
C 702	T-248	Standard practice for reducing samples of aggregate to testing size	
C 1260	-	Potential alkali reactivity of aggregates	
D 559	-	Wetting and drying compacted soil cement mixture	
D 806	T-144	Cement Percent of soil cement mixture	
D 3744	T-210	Aggregate durability index	

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ASTM	AASHTO	SASO		
C 191	T-131		Time of setting of hydraulic cement by vicat needle	
C 183	T-127		Sampling of hydraulic cement	
C 188	T-133		Density of hydraulic cement	
C 109	T-106		Compressive strength of hydraulic cement mortar	
C 150				

ASTM	AASHTO	SASO		
C 39 C-39M	T-22		Compressive strength of cylindrical concrete specimen	
C 31 C-31M	T-23		Making and curing concrete compressive and flexural strength test specimens in the site	
C 78	T-97		Bending strength of concrete using simple beam with one to three point loading	
C 143 C 143M	T-119		Slump of Portland cement concrete	()
C 172	T-141		Standard practice for sampling freshly mixed concrete	()
C 174 174 M /C 1542/ 1542M	T-148		Measuring thickness of concrete elements using drilled concrete cores	
C 192 / 192M	T-126		Making and curing of concrete test specimen in the laboratory	
C 496	T-198		Splitting tensile strength of cylindrical concrete specimens	
C 173 / C 231	T-152 T-196 T-199		Air content of freshly mixed concrete	()
ASTM A 615		()		
ASTM A 185				
C 936				

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ASTM	AASHTO	SASO		
C 67	-		Sampling and testing structural clay tile	
C 241	-		Abrasion resistance of stone subjected to foot traffic	
C 140	-		Sampling and Testing Concrete Masonry Units and Related Units	
C 78	T-97		Flexural strength of concrete using simple beam with one to three point loading	
C 418	-		Abrasion resistance of concrete by sand blasting	
	T-24			

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ASTM	AASHTO	SASO		
D 140	T- 40		Sampling Bituminous Materials	
D 92	T- 48		Flash and Fire Points by Cleveland Open Cup	
D 5	T- 49		Asphalt Penetration Test	
D 113	T- 51		Ductility of Bituminous Materials	()
D 36	T- 53		softening point (ring and ball method)	()
D 88	T- 72		Saybolt Viscosity	
D 1754	T- 179		Effect of heat and air on asphalt material	

D 2170	T- 201		Kinematics Viscosity of Asphalt	
D 2171	T- 202		Absolute Viscosity of Asphalt	
D 70	T- 228		Specific gravity of Simi-solid bituminous materials	
D 2872	T- 240		Effect of heat and air on moving film of asphalt (RTFO)	
-	TP-5		Dynamic Shear Rheometer (DSR)	
D 4404	TP- 48		Rotational Viscometer (RV)	
D 6648	TP-1		Determining the flexural creep stiffness of asphalt binder using the Bending Beam Rheometer(BBR)	
D6723	TP-3		Determining the fracture properties of asphalt binder in Direct Tension (DT)	
D 6521	-		Accelerated aging of asphalt binder using Pressurized Aging Vessel (PAV)	()
	AASHTO M-20		Viscosity test	()

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ASTM	AASHTO		
D 1075	T -165	Effect of Water on Cohesion of Compacted Bituminous Mixtures	
D 2726	T-166	Bulk specific gravity of compacted asphalt mixtures using saturated surface-dry specimens	
D 979	T-168	Sampling bituminous paving mixture	
D 2172	T-174/ T-164	Quantitative Extraction of Bitumen From Bituminous Paving Mixtures	
D 2489	T -195	Determining degree of particle coating of bituminous aggregate mixture	

D 2041	T-209	Maximum specific gravity of bituminous paving mixture	
-	T-230	Determining pavement compaction degree of bituminous aggregate mixture	
D 5581	T -245	Resistance to plastic flow of bituminous mixture using Marshall Apparatus	
-	T-283	Resistance of compacted bituminous mixture against to moisture induced damage	
D 6307	T-308	Asphalt content of hot mix asphalt by ignition method	
D 4125	T-310	Asphalt content of bituminous mixtures by the nuclear method	
D 3549	-	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	
D 4013	TP-4	Preparation of test specimen of bituminous mixtures by means of gyratory shear compactor	
D 3203	T-269	Percent of air voids in compacted dense and open bituminous mixture	

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ASTM D 4354	Practice Sampling of Geosynthetics	
ASTM D 4491	Permeability of Geotextiles by Permittivity	
ASTM D 4751	Determining Apparent Opening Size of a Geotextile	
ASTM D 4632	Grab Tensile Strength	
ASTM D 4833	Puncture Strength Index	
ASTM D 4533	Trapezoid Tearing Strength of Geotextile	
ASTM D 4632	Grab Breaking Load and Elongation of Geotextile	
ASTMD 3786	Hydraulic Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method.	
ASTM D 4595	Tensile Properties of Geotextile by wide width strip Method	

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ASTM D 3776	Mass per unit area of fabric	
ASTM D 4355	Deterioration of Geotextile by exposure to light and heat	
ASTM D 570	Water Absorption of plastics	
ASTM G-21	Determining Resistance of Synthetic Polymeric Materials to Fungi	()
ASTM D 903	Peel or Stripping Strength of Adhesive Bond	
ASTM D 4716	In-Plane Flow per unit width and Transmissivity of Geosynthetic	