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AASHTO R18 Accredited  
MBE/DBE/SBE Certified in Maryland

Item #	Test Description	AASHTO	ASTM
<b>Aggregate Tests</b>			
1001	Bulk Density (Unit Weight) and Voids in Aggregate	T19	C29
1002	Specific Gravity and Absorption of Coarse Aggregates	T85	C127
1003	Specific Gravity and Absorption of Fine Aggregates	T84	C128
1004	Sieve Analysis of Fine and Coarse Aggregates	T27	C136
1005	Material Finer than #200 Sieve	T11	C117
1006	Total Evaporable Moisture Content of Aggregate by Drying	T255	C566
<b>Soil And Rock Tests</b>			
2001	Visual Classification of Jar Samples, per Sample	n/a	D2488
2002	USCS Classification. Requires D4318 and either D422 or D6913 or D1140	n/a	D2487
2003	AASHTO Classification. Requires D4318 and either D422 or D6913 or D1140	M145	D3282
2004	USDA Classification. Requires ASTM D422 or AASHTO T88	n/a	n/a
2005	Moisture Content	T265	D2216
2006	Amount of Material Finer than #200 Sieve	n/a	D1140
2007	Liquid and Plastic Limits	T89/T90	D4318
2008	Shrinkage Limit by Wax Method	n/a	D4943
2009	Specific Gravity of Soil	T100	D854
2010	Particle Size Analysis of Soils (gradations between 3" to #200)	n/a	D6913
2011	Particle Size Analysis of Soils including hydrometer analysis only {for gradations smaller than #200 sieve}	T88	D422
2012	Moisture-Density Relationship (Standard or Modified Proctor)	T99/T180	D698/D1557
2013	Oversize Correction for Moisture Density Relationship	T224	D4718
2014	California Bearing Ratio, one point	T193	D1883
2015	Density (Unit Weight) of Undisturbed Tube Sample	n/a	D7263
2016	Determination of Organic Content in Soils by Loss on Ignition	T267	D2974
2017	Extrusion and Logging of Undisturbed Tube Samples, each shelly tube, including pictures	n/a	n/a
2018	Remolding soil samples for UC, UU, CU, DS, Consolidation, & Flexible Wall Permeability Tests. 1 (one) sample prep.	n/a	n/a
2019	Unconfined Compressive Strength - Soil	T208	D2166
2020	Simple Direct Shear - 2.5 inch circular sample, 3 normal loads	T236	D3080
2021	Residual Direct Shear - 2.5-inch circular sample, USACE Method, 3 normal loads	EM1110-2-1906	
2022	Triaxial Compression - U.U. – Undisturbed Sample, Per Point, 2.8-inch samples	T296	D2850
2023	Triaxial Compression - C.U. – Undisturbed Sample, Per Point, 2.8-inch samples	T297	D4767
2024	Triaxial Compression - C.D. – Undisturbed Sample, Per Point, 2.8-inch samples	n/a	D7181
2025	One-Dimensional Consolidation by Incremental Loading, (upto 32tsf), Method B	T216	D2435
2026	One-Dimensional Consolidation by Incremental Loading, (upto 64tsf), Method B	T216	D2435
2027	One-Dimensional Consolidation by Incremental Loading, (upto 128tsf), Method B	T216	D2435
2028	One-Dimensional Swell or Settlement of Cohesive Soils	n/a	D4546
2029	Flexible Wall Permeability (Hydraulic Conductivity), 2.8-inch samples	n/a	D5084
2030	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	n/a	D7928
<b>Rock Cores</b>			
3001	Unconfined Compressive Strength of Rock, D7012 Method C, 2-inch diameter samples	n/a	D7012
3002	Unconfined Compressive Strength of Rock, D7012 Method C, with stress strain data	n/a	D7012
<b>Hot Mix Asphalt Testing</b>			
4001	Bulk Specific Gravity of Compacted HMA Using SSD Samples, per core	T166	D2726
4002	Saw Cutting HMA Asphalt cores	n/a	n/a
<b>Concrete and Cement Products</b>			
5001	Cutting and Capping Concrete, Grout, and Brick samples, each sample	T231	C617
5002	Compressive Strength of Concrete Cylinder, including standard curing	T22	C39, C511
5003	Curing Concrete Cylinders as Reserves or Holds	n/a	n/a
5004	Compressive Strength of Cylindrical Concrete Cores, cutting and capping included	n/a	C42
5005	Compressive Strength of 2-inch mortar or grout cubes, each	T106	C109
5006	Mixing Mortar and casting samples, per batch, upto 9 samples	n/a	n/a
5007	Compressive Strength of Grout Prisms, each (include cutting and capping)	n/a	C1019
5008	Compressive Strength, and Absorption of Brick. Manhole Bricks. Price per set of 5 (includes cutting and capping)	n/a	C67
<b>Soil Corrosion Testing</b>			
6001	As received and minimum resistivity	T288	G51
	Soil pH	T289	G57
	Sulfate Ion Content	T290	n/a
	Chloride Ion Content	T291	n/a
	Oxidation Reduction Potential	n/a	n/a

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