

LIMS Category	LIMS Method Id	LIMS Description	MAC Test Method	Description	Comment
Chemistry	AASHTO M 251	Plain and Laminated Elastomeric Bridge Bearing Pads	FM 5-598	Evaluation of Bearing Pads	If a lab is assigned AASTHO M 251, it should be assigned FM 5-598. See row 89
Aggregates	AASHTO R 58	DRY PREPARATION OF DISTURBED SOIL AND SOIL AGGREGATE	AASHTO R 58	DRY PREPARATION OF DISTURBED SOIL AND SOIL AGGREGATE	This test method may not currently be in MAC. Needs to be added.
Earthworks	AASHTO T 100	SPECIFIC GRAVITY OF SOILS	AASHTO T 100	Specific Gravity of Soils	
Aggregates	AASHTO T 104	SOUNDNESS OF AGGREGATE BY USE OF NA SULFATE OR MG SULFATE	AASHTO T 104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	
Aggregates	AASHTO T 112	CLAY LUMPS AND FRIABLE PARTICLES IN AGGREGATE	N/A		Do not transfer.
Aggregates	AASHTO T 113	LIGHTWEIGHT PIECES IN AGGREGATE	N/A		Do not transfer.
Aggregates	AASHTO T 176	SAND EQUIVALENT TEST	N/A		Do not transfer.
Aggregates	AASHTO T 19	UNIT MASS AND VOIDS IN AGGREGATE	AASHTO T 19	Bulk Density ("Unit Weight") and Voids in Aggregate	
Aggregates	AASHTO T 21	Organic Impurities in Fine Aggregates for Concrete	AASHTO T 21	Organic Impurities in Fine Aggregates for Concrete	
Aggregates	AASHTO T 21A	Organic Impurities in Fine Aggregates for Concrete	AASHTO T 21	Organic Impurities in Fine Aggregates for Concrete	
Aggregates	AASHTO T 255	TOTAL MOISTURE CONTENT OF AGGREGATE BY DRYING	AASHTO T 255	Total Evaporable Moisture Content of Aggregate by Drying	
Earthworks	AASHTO T 265	LABORATORY DETERMINATION OF MOISTURE CONTENT OF SOILS	AASHTO T 265	Laboratory Determination of Moisture Content of Soils	
Earthworks	AASHTO T 267	DETERMINATION OF ORGANIC CONTENT IN SOILS BY LOSS ON IGNI	N/A		Do not transfer.
Aggregates	AASHTO T 27	Sieve Analysis of Fine and Coarse Aggregates	AASHTO T 27	Sieve Analysis of Fine and Coarse Aggregates	
Aggregates	AASHTO T27A	Sieve Analysis of Fine and Coarse Aggregates	AASHTO T 27	Sieve Analysis of Fine and Coarse Aggregates	Not a current test method, but is currently assigned to some labs so needs to be included in transfer
Aggregates	AASHTO T27	Sieve Analysis of Fine and Coarse Aggregates	AASHTO T 27	Sieve Analysis of Fine and Coarse Aggregates	Not a current test method, but is currently assigned to some labs so needs to be included in transfer
Aggregates	AASHTO T 304	UNCOMPACTED VOID CONTENT OF FINE AGGREGATE	N/A		Do not transfer.
Asphalt	AASHTO T 312	GYRATORY COMPACTION	AASHTO T 312	GYRATORY COMPACTION	This test method may not currently be in MAC. Needs to be added.
Asphalt	AASHTO T 40	SAMPLING BITUMINOUS MATERIAL	N/A		Do not transfer.
Aggregates	AASHTO T 87	DRY PREPARATION OF DISTURBED SOIL AND SOIL AGGREGATE	Obsolete		Do not transfer.
Earthworks	AASHTO T 88	PARTICLE SIZE ANALYSIS OF SOILS	AASHTO T 88	Particle Size Analysis of Soils	
Earthworks	AASHTO T 89	DETERMINING THE LIQUID LIMIT OF SOILS	AASHTO T 89	Determining the Liquid Limit of Soils	
Earthworks	AASHTO T 90	DETERMINING THE PLASTIC LIMIT AND PLASTICITY INDEX	AASHTO T 90	Plastic Limit and Plasticity Index of Soils	
Earthworks	AASHTO T 99	STANDARD PROCTOR	AASHTO T 99	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	
Concrete	ASTM C 1064	TEST METHOD FOR TEMPERATURE OF FRESHLY MIXED PORTLAND CEMENT	N/A		Do not transfer.
Concrete	ASTM C 1231	DETERMINATION OF COMPRESSIVE STRENGTH USING UNBONDED CAPS	ASTM C1231	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	
Concrete	ASTM C 138	WEIGHT PER CUBIC FOOT, YIELD, AIR, CONTENT OF CONC FIELD	N/A		Do not transfer.
Concrete	ASTM C 140	Sampling/Testing Concrete Masonry & Related Units	N/A		Do not transfer.
Concrete	ASTM C 143	SLUMP OF PORTLAND CEMENT CONCRETE FIELD	N/A		Do not transfer.
Concrete	ASTM C 172	SAMPLING FRESH CEMENT CONCRETE	N/A		Do not transfer.
Concrete	ASTM C 173	AIR CONTENT OF FRESHLY MIXED CONC BY VOLUMETRIC FIELD	N/A		Do not transfer.
Concrete	ASTM C 187	Normal Consistency of Hydraulic Cement	N/A		Do not transfer.
Concrete	ASTM C 231	AIR CONTENT OF FRESHLY MIXED CONCRETE BY THE PRESSURE	N/A		Do not transfer.
Concrete	ASTM C 270	mortar tests	N/A		Do not transfer.
Concrete	ASTM C 31	MAKING AND CURING CONC. COMPRESSIVE AND FLEXURAL STRENGTH	N/A		Do not transfer.
Aggregates	ASTM C 330	Standard Specs for Lightweight Aggregates for Concrete	N/A		Do not transfer.
Concrete	ASTM C 39	COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMEN	ASTM C39	Compressive Strength of Cylindrical Concrete Specimens	

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Concrete	ASTM C 511	Moist Curing Room	ASTM C 511	Moist Curing Room	
Aggregates	ASTM C 535	RESISTANCE TO DEGRADATION OF LARGE SIZE COARSE AGG BY LA	ASTM C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	
Concrete	ASTM C 617	CAPPING CYLINDRICAL CONCRETE SPECIMEN	ASTM C617	Capping Cylindrical Concrete Specimens	
Concrete	ASTM C 78	FLEXURAL STRENGTH OF CONCRETE	ASTM C 78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	
	ASTM C 403		N/A		Not a current test method, but is currently assigned to some labs but do not transfer.
	ASTM C 566		N/A		Not a current test method, but is currently assigned to some labs but do not transfer.
Earthworks	ASTM D 1633	Compressive Strength of Molded Soil Cement Cylinders	N/A		Do not transfer.
Concrete	ASTM D 2369	ADVANCED TESTING OF RAISED CONCRETE PAVEMENT MARKERS	N/A		Do not transfer.
Asphalt	ASTM D 3665	STANDARD PRACTICE FOR RANDOM SAMPLING OF CONSTRUCTION MATERI	N/A		Do not transfer.
Concrete	ASTM D 4280	TESTING OF RAISED CONCRETE PAVEMENT MARKERS	N/A		Do not transfer.
Earthworks	ASTM D 4643	MOISTURE DETERMINATION USING MICROWAVE OVEN	ASTM D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	
Aggregates	ASTM D 4791	Flat or Elongated Particles in Coarse Aggregate	N/A		Do not transfer.
Aggregates	ASTM D 5821	DETERMINING FRACTURED PARTICLES IN COARSE AGGREGATE	N/A		Do not transfer.
Earthworks	BASE ACCEPT	BASE ACCEPTANCE	N/A		Do not transfer.
Chemistry	CHEM1	TRACE METALS ANALYSIS BY ICP	N/A		Do not transfer.
Aggregates	FM 1-T 002	SAMPLING COARSE AND FINE AGGREGATE- QUAL. SAMPLER	N/A		Do not transfer.
Aggregates	FM 1-T 002AF	SAMPLING COARSE AND FINE AGGREGATE-AGG.FIELD	N/A		Do not transfer.
Earthworks	FM 1-T 002EW	SAMPLING SOILS,LIMEROCK,CEMENT COQUINA,BANK RUN SHELL,	N/A		Do not transfer.
Aggregates	FM 1-T 011	Materials Finer Than No. 200 Sieve	FM 1-T 011	Total Amount of Material Finer Than 0.075 mm (No. 200)Sieve in Aggregate	
	FM 1-T 011A		FM 1-T 011	Total Amount of Material Finer Than 0.075 mm (No. 200)Sieve in Aggregate	Not a current test method, but is currently assigned to some labs so needs to be included in transfer
Aggregates	FM 1-T 019	Unit Mass and Voids in Aggregate	AASHTO T 19	Bulk Density ("Unit Weight") and Voids in Aggregate	
Asphalt	FM 1-T 030	MECHANICAL ANALYSIS OF EXTRACTED AGGREGATE	FM 1-T 030	Mechanical Analysis of Extracted Aggregate	
Aggregates	FM 1-T 084	SPECIFIC GRAVITY AND ABSORPTION OF FINE AGGREGATES	FM 1-T 084	Specific Gravity and Absorption of Fine Aggregates	
Aggregates	FM 1-T 085	SPECIFIC GRAVITY AND ABSORPTION OF COARSE AGGREGATE	FM 1-T 085	Specific Gravity and Absorption of Coarse Aggregate	
Aggregates	FM 1-T 096	RESISTANCE TO ABRASION OF SMALL SIZE COARSE AGGREGATE	FM 1-T 096	Resistance to Abrasion of Small Size Coarse Aggregate by Use of the Los Angeles Machine	
Asphalt	FM 1-T 166	BULK SPECIFIC GRAVITY OF COMPACTED BITUMINUOS MIXTURES	FM 1-T 166	Bulk Specific Gravity of Compacted Hot Mix Asphalt (HMA) Specimens	
Asphalt	FM 1-T 168	SAMPLING BITUMINOUS PAVING MIXTURES	N/A		Do not transfer.
Earthworks	FM 1-T 180	MODIFIED PROCTOR	FM 1-T 180	Moisture Density Relations of Soils Using a 10-lb. (4.54kg) Rammer and an 18-in. (457mm) Drop	Not a current test method, but is currently assigned to some labs so needs to be included in transfer
Earthworks	FM 1-T180	MODIFIED PROCTOR	FM 1-T 180	Moisture Density Relations of Soils Using a 10-lb. (4.54kg) Rammer and an 18-in. (457mm) Drop	
Asphalt	FM 1-T 209	MAXIMUM SPECIFIC GRAVITY OF BITUMINOUS PAVING MIXTURES	FM 1-T 209	Maximum Specific Gravity of Asphalt Paving Mixtures	
Earthworks	FM 1-T 238	Density of Soils and Bitum Conc Mixtures - Nuclear Method	N/A		Do not transfer.
Asphalt	FM 1-T 238A	DENSITY OF SOILS & BITUM. CONC. MIXTURES BY NUCLEAR METHOD-A	N/A		Do not transfer.
Aggregates	FM 1-T 248	REDUCING FIELD SAMPLES OF AGGREGATE TO TESTING SIZE-AGGFIELD	N/A		Do not transfer.

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Aggregates	FM 1-T 248AF	REDUCING FIELD SAMPLES OF AGGREGATE TO TESTING SIZE-AGGFI	N/A		Do not transfer.
Aggregates	FM 1-T 248QS	REDUCING FIELD SAMPLES OF AGGREGATE TO TESTING SIZE-QUALSAMP	N/A		Do not transfer.
Earthworks	FM 1-T 265	Lab Determination of Moisture Content of Soils	AASHTO T 265	Laboratory Determination of Moisture Content of Soils	
Earthworks	FM 1-T 267	DETERMINATION OF ORGANIC CONTENT IN SOILS BY LOSS OF IGNI	N/A		Do not transfer.
Aggregates	FM 1-T002A	Standard Practice for Sampling Aggregates	N/A		Do not transfer.
Aggregates	FM 1-T248A	Reducing Samples of Aggregate to Testing Size	N/A		Do not transfer.
Aggregates	FM 3-C 535	RESISTANCE TO DEGRADATION LARGE-SIZED COARSE AGG BY LA	ASTM C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	
Concrete	FM 5-501	WATER CEMENTITIOUS RATIO	N/A		Do not transfer.
Earthworks	FM 5-507	DETERMINATION OF MOISTURE CONTENT BY SPEEDY MOISTURE TESTER	N/A		Do not transfer.
Asphalt	FM 5-509	15-FT ROLLING STRAIGHTEDGE	N/A		Do not transfer.
Aggregates	FM 5-510	Acid Insoluble	N/A		Do not transfer.
Earthworks	FM 5-514	CARBONATES AND ORGANIC MATTER IN LIMEROCK	N/A		Do not transfer.
Earthworks	FM 5-515	LIMEROCK BEARING RATIO	FM 5-515	Limerock Bearing Ratio	
Corrosion	FM 5-516	Determining Low-Levels of Chloride in Conc and Raw Matts	FM 5-516	Determining Low-Levels of Chloride in Concrete and Raw Materials	
Asphalt	FM 5-544	QUANTITATIVE EXTRATION OF BITUMEN FROM BITUMINOUS PAVING	N/A		Do not transfer.
Asphalt	FM 5-545	MECHANICAL ANALYSIS OF AGGREGATE EXTRACTED BY USE	N/A		Do not transfer.
Earthworks	FM 5-550	DETERMINING PH OF SOILS AND WATER	N/A		Do not transfer.
Earthworks	FM 5-551	RESISTIVITY OF SOIL AND WATER	N/A		Do not transfer.
Earthworks	FM 5-552	CHLORIDE IN SOIL AND WATER	N/A		Do not transfer.
Earthworks	FM 5-553	SULFATE IN SOIL AND WATER	N/A		Do not transfer.
Aggregates	FM 5-555	SHELL CONTENT OF COARSE AGGREGATE	FM 5-555	Shell Content of Coarse Aggregate	
Asphalt	FM 5-563	QUANTITATIVE DETERMINATION OF AC FROM ASPHALT BY IGNITION	FM 5-563	Quantitative Determination of Asphalt Content from Asphalt Paving Mixtures by the Ignition	
Asphalt	FM 5-565	WATER PERMEABILITY OF COMPACTED ASPHALT PAVING MIXTURE	N/A		Do not transfer.
Chemistry	FM 5-598	Evaluation of Bearing Pads	FM 5-598	Evaluation of Bearing Pads	