

## 1014.3.1 Technician Training and Evaluation Form Sampling, Reduction & Density (SRDTT)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
AASHTO T 2	Sampling of Aggregates	
AASHTO R 76	Reducing Samples of Aggregates to Testing Size	
AASHTO T 168	Sampling Bituminous Paving Mixtures	
AASHTO R 47	Reducing Samples of Hot Mix Asphalt to Testing Size	
AASHTO R 66	Sampling Asphalt Materials	
AASHTO T 310	In-Place Density and Moisture Content of Soil and Soil Aggregate by Nuclear Methods	
AASHTO T 355	In-Place Density of Bituminous Mixes Using the Nuclear Moisture Density Gauge	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer Date

## 1014.3.2 Technician Training and Evaluation Form Concrete Testing Technician (CTT)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
WAQTC TM 2	Sampling Freshly Mixed Concrete	
AASHTO T 309	Temperature of Freshly Mixed Portland Cement Concrete	
AASHTO T 119	Slump of Hydraulic Cement Concrete	
AASHTO T 121	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete	
AASHTO T 152	Air Content of Freshly Mixed Concrete by the Pressure Method	
AASHTO T 23	Making and Curing Concrete Test Specimens in the Field	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician \_\_\_\_\_ Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer \_\_\_\_\_ Date

## 1014.3.3 Technician Training and Evaluation Form Aggregate Plus Testing Technician (AgTT Plus)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
AASHTO T 2	Sampling of Aggregates	
AASHTO R 76	Reducing Samples of Aggregates to Testing Size	
AASHTO T 255	Total Evaporable Moisture Content of Aggregate by Drying	
AASHTO T 27	Sieve Analysis of fine and Coarse Aggregates	
AASHTO T 11	Materials Finer than No. 200 Sieve in Mineral Aggregate by Washing	
AASHTO T 335	Determining the Percentage of Fracture in Coarse Aggregate	
AASHTO T 176	Plastic Fines in Graded Aggregates and Soils by the use of the Sand Equivalent Test	
AASHTO T 85	Specific Gravity and Absorption of Coarse Aggregate	
WAQTC TM 19	Bulk Density('Unit Weight') and Voids in Aggregate	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer Date

## 1014.3.4 Technician Training and Evaluation Form Asphalt Testing Technician (AsTT) II

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
AASHTO T 168	Sampling Bituminous Paving Mixtures	
AASHTO R 47	Reducing Samples of Hot Mix Asphalt to Testing Size	
AASHTO T 329	Moisture Content of Hot Mix Asphalt (HMA) by Oven Method	
AASHTO T 308	Determining the Asphalt Binder Content of Hot Mix Asphalt (HMA) by the Ignition Method	
AASHTO T 209	Theoretical Maximum Specific Gravity and Density of Hot Mix Asphalt (HMA) Paving Mixtures	
AASHTO T 166	Bulk Specific Gravity of Compacted Hot Mix Asphalt (HMA) Mixtures Using Saturated Surface-Dry Specimens	
AASHTO R 66	Sampling Asphalt Materials	
AASHTO T 30	Mechanical Analysis of Extracted Aggregate	
AASHTO T 312	Standard Method of Test for Preparing and Determining the Density of the Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	
WAQTC TM 13	Volumetric Properties of Hot Mix Asphalt (HMA)	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer Date

## 1014.3.5 Technician Training and Evaluation Form

### Embankment Plus Testing Technician (EbTT Plus)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

	<b>FOP</b>	<b>Supervisor Trainer Signature</b>
AASHTO T 255	Total Evaporable Moisture Content of Aggregate by Drying	
AASHTO T 265	Laboratory Determination of Moisture Content of Soils	
AASHTO T 99	Moisture-Density Relations of Soils Using a 2.5-kg (5.5-lb) Rammer and a 305 mm (12-in) Drop	
AASHTO T 180	Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457 mm (18-in) Drop	
AASHTO T 272	Family of Curves - One-Point Method	
AASHTO T 85	Specific Gravity and Absorption of Coarse Aggregate	
ANNEX T99 / T180	Correction of Maximum Dry Density and Optimum Moisture for Oversized Particles	
AASHTO T 89	Determining the Liquid Limit of Soils	
AASHTO T 90	Determining the Plastic Limit and Plasticity Index of Soils	
AASHTO R 75	Developing a Family of Curves	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
 Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
 Supervisor/Trainer Date

## 1014.3.6 Technician Training and Evaluation Form Concrete Strength Testing Technician (CsTT)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
AASHTO T 23	Method of Making and Curing Concrete Test specimens in the field	
AASHTO T 22	Compressive Strength of Cylindrical Concrete Specimens	
AASHTO T 97	Flexural Strength of Concrete (Using Simple beam with Third-Point Loading)	
AASHTO R 231	Capping Concrete Test Specimens	
ASTM C 1231	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer Date

## 1014.3.7 Technician Training and Evaluation Form Laboratory Testing Technician (LbTT)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
WAQTC TM 19	Bulk Density ("Unit Weight") and Voids in Aggregate	
AASHTO T 21	Organic Impurities in Fine Aggregate for Concrete	
AASHTO T 84	Specific Gravity and Absorption of fine Aggregate	
AASHTO T 96 / ASTM C 353	Resistance to Abrasion of Small-Size and Large-Size Coarse Aggregate by use of the Los Angeles Machine	
AASHTO T 104	Soundness of Aggregate by use of Sodium Sulfate or Magnesium Sulfate	
AASHTO T 112	Clay Lumps and Friable Particles in Aggregates	
AASHTO T 113	Lightweight Pieces in Aggregate	
AASHTO T 193	California Bearing Ratio of Soils	
AASHTO T 304	Uncompacted Void Content of Fine Aggregate	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer Date

## 1014.3.8 Technician Training and Evaluation Form Superpave

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP		Supervisor Trainer Signature
AASHTO R 30/ UDOT MOI 8-988	Guidelines for Laboratory Mixing of Hot Mix Asphalt (HMA) and Mixture Conditioning of HMA	
AASHTO T 312	Standard Method for Preparing and Determining the Density of hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	
AASHTO M 323	Standard Specification for Superpave Volumetric Mix Design	
AASHTO R 35	Standard Practice for Superpave Volumetric Mix Design	
AASHTO T 283	Resistance of Compacted Bituminous Mixtures to Moisture Induced Damage	
AASHTO T 324/ UDOT MOI 9-990	Hamburg Wheel-Track Testing of Compacted Hot Mix Asphalt (HMA)	
AASHTO M 325	Standard Specification for Stone Matrix Asphalt (SMA)	
AASHTO R 46	Standard Practice for Designing Stone Matrix Asphalt (SMA)	
AASHTO T 305	Standard method of Test for Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures	

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician \_\_\_\_\_  
Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer \_\_\_\_\_  
Date

## 1014.3.9 Technician Training and Evaluation Form In-Place Density (DTT)

Technician Name \_\_\_\_\_ Dept/Region \_\_\_\_\_

Supervisor/Trainer Name \_\_\_\_\_

Supervisor/Trainer Qualification # \_\_\_\_\_

Supervisor/Trainer must sign each FOP (Field Operating Procedure) certifying technician has been trained, demonstrated competency, and is ready to certify.

FOP	Supervisor Trainer Signature
AASHTO T 99	Moisture-Density Relations of Soils Using a 2.5-kg(5.5-lb)Rammer and a 305-mm(12in.) Drop
AASHTO T 180	Moisture-Density Relations of Soils Using a 4.54-kg(10-lb)Rammer and a 457-mm(18in.) Drop
AASHTO R 75	Developing a Family of Curves
AASHTO T 272	Family of Curves-One Point Method
ANNEX T99 / T180	Correction of Maximum Dry Density and Optimum Moisture for Oversized Particles
AASHTO T 255 / T 265	Total Moisture Evaporable Content of Aggregate by Drying / Laboratory Determination of Moisture Contents of Soils
AASHTO T 85	Specific Gravity and Absorption of Coarse Aggregate
AASHTO T 209	Maximum Specific Gravity of Hot Mix Asphalt (HMA) Paving Mixtures
AASHTO T 166	Bulk Specific Gravity of Compacted Hot Mix Asphalt (HMA) Using Saturated Surface-Dry
AASHTO T 310	In-Place Density and Moisture Content of Soil and Soils-Aggregate by Nuclear Methods (Shallow Depth)
AASHTO T 355	In-Place Density of Asphalt Mixtures Using the Nuclear Moisture-Density Gauge

I hereby authorize and verify I am competent in the above Field Operating Procedures.

\_\_\_\_\_  
Technician Date

I hereby authorize and verify the technician is competent in the above Field Operating Procedures.

\_\_\_\_\_  
Supervisor/Trainer Date

