View Sample Round Result Confirmation

AMRL Proficiency Sample Program

Hot Mix Asphalt Gyratory 39/40

University of Arkansas
Fayetteville, Arkansas
PSP Enrollment#: 3879
Created by sgwill@uark.edu on 7/2/2015

Your results have been received. Thank you for using our online submission system. Please print the following information for your records.

Testing Parameters

1. Maximum Specific Gravity (Gyratory)

Maximum Specific Gravity

Sample 39		**Sample 40**	
2.607		2.622	
Version:	T209-2012	*Version:*	T209-2012
Type of Vacuum Measuring Device:	*Absolute Pressure Gage (non-mercury)*	*Type of Vacuum Measuring Device:*	*Absolute Pressure Gage (non-mercury)*
Method of Agitation:	*Mechanical*	*Method of Agitation:*	*Mechanical*
Method of Agitation, if "Mechanical":	*Vibratory*	*Method of Agitation, if "Mechanical":*	*Vibratory*
Vibration Frequency:	*about 1/2-way*	*Vibration Frequency:*	*about 1/2-way*
Manufacturer (Agitation):	*Gilson*	*Manufacturer (Agitation):*	*Gilson*
Model (Agitation):	*SGA-5*	*Model (Agitation):*	*SGA-5*
Thermometric Device:	*Mercury Thermometer*	*Thermometric Device:*	*Mercury Thermometer*
Manufacturer (Thermometric):		*Manufacturer (Thermometric):*	
Model (Thermometric):		*Model (Thermometric):*	
Procedure Used:	*Weighing in Water*	*Procedure Used:*	*Weighing in Water*

2. Bulk Specific Gravity Saturated Surface-Dry Method (Gyratory)

Bulk Specific Gravity (Saturated Surface-Dry Method)

Sample 39		**Sample 40**	
2.367		2.421	
Version:	T166-2013	*Version:*	T166-2013

3. Bulk Specific Gravity

Bulk Specific Gravity (Vacuum Sealing Method)

Sample 39		**Sample 40**	
2.331		2.393	
Version:	T331-2013	*Version:*	T331-2013
Punctured Bag - Sample A:	*No*	*Punctured Bag - Sample A:*	*No*
Punctured Bag - Sample B:	*No*	*Punctured Bag - Sample B:*	*No*

4. Hot Mix Asphalt Superpave Gyratory Compactor

Height During Compaction after 8 gyrations

Sample 39		**Sample 40**	
133.1		132.2	
Version:	T312-2014	*Version:*	T312-2014
Calculation using bulk specific gravity by:	*T166 / D2726*	*Calculation using bulk specific gravity by:*	*T166 / D2726*
Compaction Device Manufacturer:	*Pine Instruments*	*Compaction Device Manufacturer:*	*Pine Instruments*
Compaction Device Model:	*AFG2AS*	*Compaction Device Model:*	*AFG2AS*
Date compaction device last verified (Height):	*6/30/15*	*Date compaction device last verified (Height):*	*6/30/15*
Date compaction device last verified (Angle):	*6/30/15*	*Date compaction device last verified (Angle):*	*6/30/15*
Date compaction device last verified (Pressure):	*6/30/15*	*Date compaction device last verified (Pressure):*	*6/30/15*
Type of Angle Verification Device:	*Internal*	*Type of Angle Verification Device:*	*Internal*

5. Hot Mix Asphalt Superpave Gyratory Compactor

Height During Compaction after 100 gyrations

Sample 39		**Sample 40**	
119.2		118.0	
Version:	T312-2014	*Version:*	T312-2014
Calculation using bulk specific gravity by:	*T166 / D2726*	*Calculation using bulk specific gravity by:*	*T166 / D2726*
Compaction Device Manufacturer:	*Pine Instruments*	*Compaction Device Manufacturer:*	*Pine Instruments*
Compaction Device Model:	*AFG2AS*	*Compaction Device Model:*	*AFG2AS*
Date compaction device	*6/30/15*	*Date compaction device*	*6/30/15*

last verified (Height):		*last verified (Height):*	
Date compaction device last verified (Angle):	*6/30/15*	*Date compaction device last verified (Angle):*	*6/30/15*
Date compaction device last verified (Pressure):	*6/30/15*	*Date compaction device last verified (Pressure):*	*6/30/15*
Type of Angle Verification Device:	*Internal*	*Type of Angle Verification Device:*	*Internal*

6. Hot Mix Asphalt Superpave Gyratory Compactor

Percent of Maximum Specific Gravity after 8 gyrations

Sample 39		**Sample 40**	
81.3		82.4	
Version:	T312-2014	*Version:*	T312-2014
Calculation using bulk specific gravity by:	*T166 / D2726*	*Calculation using bulk specific gravity by:*	*T166 / D2726*
Compaction Device Manufacturer:	*Pine Instruments*	*Compaction Device Manufacturer:*	*Pine Instruments*
Compaction Device Model:	*AFG2AS*	*Compaction Device Model:*	*AFG2AS*
Date compaction device last verified (Height):	*6/30/15*	*Date compaction device last verified (Height):*	*6/30/15*
Date compaction device last verified (Angle):	*6/30/15*	*Date compaction device last verified (Angle):*	*6/30/15*
Date compaction device last verified (Pressure):	*6/30/15*	*Date compaction device last verified (Pressure):*	*6/30/15*
Type of Angle Verification Device:	*Internal*	*Type of Angle Verification Device:*	*Internal*

7. Hot Mix Asphalt Superpave Gyratory Compactor

Percent of Maximum Specific Gravity after 100 gyrations

Sample 39		**Sample 40**	
90.8		92.3	
Version:	T312-2014	*Version:*	T312-2014
Calculation using bulk specific gravity by:	*T166 / D2726*	*Calculation using bulk specific gravity by:*	*T166 / D2726*
Compaction Device Manufacturer:	*Pine Instruments*	*Compaction Device Manufacturer:*	*Pine Instruments*
Compaction Device Model:	*AFG2AS*	*Compaction Device Model:*	*AFG2AS*
Date compaction device last verified (Height):	*6/30/15*	*Date compaction device last verified (Height):*	*6/30/15*
Date compaction device last verified (Angle):	*6/30/15*	*Date compaction device last verified (Angle):*	*6/30/15*
Date compaction device last verified (Pressure):	*6/30/15*	*Date compaction device last verified (Pressure):*	*6/30/15*
Type of Angle Verification Device:	*Internal*	*Type of Angle Verification Device:*	*Internal*

Laboratory Comments:

We value your feedback to make our programs better. Please Submit Feedback.

REST ASSURED - It is not necessary to submit other copies of your data via fax or mail. In the event that you submit data in another format, the results submitted online will take precedence over the other methods of submittal.

Print | Overwrite Data | Submit More Data | View Ratings | Back to My Lab | Back to Home

AMRL AASHTO Materials Reference Laboratory

DEKRA ISO 9001:2008 Certified