

## Equipment Checklist AASHTO T 312

### Preparing and Determining the Density of Asphalt Mixture Specimens by Means of the Superpave Gyrotory Compactor

		P	F	N/A
<b>Gyrotory Compactor</b>				
1.	Internal angle of $1.16 \pm 0.02$ . AASHTO T 312, Section 4.1.			
2.	Pressure of $600 \pm 60$ kPa during the first 5 gyrations and of $600 \pm 18$ kPa during the remainder of the compaction period. AASHTO T 312, Section 4.1.			
3.	Rotation of $30.0 \pm 0.5$ gyrations per minute. AASHTO T 312, Section 4.1.			
<b>Molds</b>				
4.	Specimen molds inside diameter of 149.90 mm to 150.20 mm. AASHTO T 312, Section 4.2.			
5.	Ram heads and end plates diameter of 149.50 mm to 149.75 mm. AASHTO T 312, Section 4.3.			
6.	Balance – Meets the requirements of AASHTO M 231, Class G 5. AASHTO T 312, Section 4.5.			
7.	Oven – Thermostatically controlled to $\pm 3^\circ$ C of mixture compaction temperature. AASHTO T 312, Section 4.6 and AASHTO R 30, Section 7.12.			
8.	Miscellaneous – Flat-bottom metal pans, scoop, containers, large mixing spoon or small trowel, large spatula, gloves, paper disks. AASHTO T 312, Section 4.7.			

**Comparison Criteria: N/A**

**Remarks:**

Date: \_\_\_\_\_ Technician: \_\_\_\_\_ IA Observer: \_\_\_\_\_

Technician's e-mail address: \_\_\_\_\_

Employer's / supervisor's e-mail address: \_\_\_\_\_