

# AASHTO - PERFORMANCE EXAM CHECKLIST

Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

**AASHTO T312-22 Preparing and Determining Density of Asphalt Mixture Specimens by Means of the Superpave Gyratory Compactor**

First test	Retest
Yes/No	Yes/No

**Plant Produced**

- |                   |  |       |       |
|-------------------|--|-------|-------|
| <i>SEC: 8.2.1</i> | Place the mold(s) in an oven at the required compaction temperature. Place any additional compaction surfaces, such as base plates and upper plates, into the oven with and for the same time frame as the molds.  | _____ | _____ |
| <i>SEC: 8.2.4</i> | Place the sample into a pan to a uniform thickness.  | _____ | _____ |
| <i>SEC: 8.2.5</i> | Bring the mixture to the compaction temperature range by careful, uniform heating in an oven immediately prior to molding.   | _____ | _____ |
| <i>SEC: 9.1</i>   | When the compaction temperature is achieved, remove the heated mold and any compaction surfaces from the oven. Place the base plate and a paper disk in the bottom of the mold.                                    | _____ | _____ |
| <i>SEC: 9.2</i>   | Place the mixture into the mold in one lift. Care should be taken to avoid segregation. Level the mix and place another paper disk on top. Complete any remaining mold assembly; load the mold into the compactor. | _____ | _____ |
| <i>SEC: 9.4</i>   | Start the gyratory compaction.   | _____ | _____ |
| <i>SEC: 9.5</i>   | Allow the compaction to proceed until the desired number of gyrations is reached and the gyratory shuts off.   | _____ | _____ |
| <i>SEC: 9.6</i>   | Remove the mold from the compactor and extrude the specimen from the mold.   | _____ | _____ |
| <i>SEC: 9.7</i>   | Remove the paper disk from the top and bottom of the specimens.  | _____ | _____ |

Examiner: \_\_\_\_\_

<b>SCORE:</b>	<b>PASS</b>	<b>FAIL</b>	<b>FAIL</b>
Proctor Initials:			