

# AASHTO - PERFORMANCE EXAM CHECKLIST

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

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

## AASHTO T245-22 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus

		First test	Retest
		Yes/No	Yes/No
<i>SEC: 5.1</i>	Measure the specimen height to the nearest 1/16 inch (0.1mm).	_____	_____
<i>SEC: 5.2</i>	Bring the specimens to the specified temperature by immersing in the water bath 30 to 40 minutes or placing in the oven for 2 hours. Maintain the bath or oven temperature at 60±1°C(140±1.8°F).	_____	_____
<i>SEC: 5.2</i>	Thoroughly clean the guide rods and the inside surfaces of the test heads prior to performing the test, and lubricate the guide rods so that the upper test head slides freely over them. The testing head temperature shall be maintained between 21.1 to 37.8°C (70-100°F).	_____	_____
<i>SEC: 5.2</i>	Remove the specimen from the water bath or oven and place in the lower segment of the breaking head. Place the upper segment of the breaking head on the specimen, and place the complete assembly in position on the testing machine.	_____	_____
<i>SEC: 5.3</i>	Apply the load at a constant rate of 50.8 mm (2 in.) per minute until the maximum load is reached and the load decreases. The elapsed time from removal of the test specimen from bath or oven to the maximum load shall not exceed 30 seconds.	_____	_____
<i>SEC: 5.3</i>	Record the maximum load noted on the testing machine. Record the flow value.	_____	_____

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

SCORE: **PASS** **FAIL** **FAIL**  
Proctor Initials: 

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