

**MATERIALS AND RESEARCH**  
**DELAWARE DEPARTMENT OF TRANSPORTATION**  
**DOVER, DELAWARE (302) 760-2400**

**DETERMINING THE ASPHALT CONTENT OF HOT MIX ASPHALT BY THE IGNITION  
METHOD (AASHTO T308)  
PERFORMANCE CHECKLIST**

	YES	NO	RECHECK DATE P/F
• Ignition oven preheated to 538° C?	_____	_____	_____
• Correct Sample Size?			
<u>Type of Mix</u>			
25.0	_____	_____	_____
19.0	_____	_____	_____
12.5	_____	_____	_____
9.5	_____	_____	_____
<u>Min. Sample Size (grams)</u>			
3000			
2000			
1500			
1200			
• Calibration factor entered for the mix?	_____	_____	_____
• Basket placed in catch pan and weighed with guards in place?	_____	_____	_____
• Sample evenly distributed in the basket, material kept way from edges and leveled?	_____	_____	_____
• Total mass of sample, basket, catch pan, and basket guards recorded?	_____	_____	_____
• Initial mass of specimen calculated?	_____	_____	_____
• Initial mass entered into ignition oven?	_____	_____	_____
• Basket placed in the furnace and chamber door closed?	_____	_____	_____
• Furnace scale agrees within 5 grams of total mass?	_____	_____	_____
• Pressing the start button locks the door and starts the blower?	_____	_____	_____
• Test continued until change in mass does not exceed 0.1 percent for three consecutive minutes?	_____	_____	_____
• Pressing the stop button unlocks the door and prints the test results?	_____	_____	_____
• Basket removed and allowed to cool to room temperature?	_____	_____	_____
• Contents emptied into a flat pan, including any residual fines?	_____	_____	_____

