

Procedure Checklist FM 5-563: Asphalt Content by Ignition Oven

		P	F	N/A
1.	Select the proper size of sample based on type of mix being tested. FM 5-563, Section 6.2.2.			
2.	Place the baskets in catch pan. Weigh the assembly with guards in place. FM 5-563, Section 8.3.			
3.	Add the mix to the basket over the catch pan to prevent loss of fines. FM 5-563, Section 8.4			
4.	Evenly distribute the mix between each basket keeping the material approximately 1 inch away from the edges of the basket. FM 5-563, Section 8.4.			
5.	Weight the basket assembly (baskets, catch pan, and guards) with mix. FM 5-563, Section 8.6.			
6.	Calculate the initial weight of mix. FM 5-563, Section 8.6.			
7.	Input the initial weight of mix into the ignition oven controller before placing sample into oven. FM 5-563, Section 8.7.			
8.	Place the mix, baskets, and catch pan in the center of oven without sliding the basket on the balance tray. FM 5-563, Section 8.8.			
9.	Start the test quickly by pressing the start / stop button. FM 5-563, Section 8.8.			
10.	After the test is complete, press start / stop button. (This will initiate the automatic printout of the test results and stop the test.) FM 5-563, Section 8.9.			
11.	Remove the basket from the oven. Place on an insulated heat resistant surface. Allow to cool. FM 5-563, Section 8.10.			
12.	Weigh the basket and sample after cooling. FM 5-563, Section 8.10.			
13.	Empty the contents of the baskets into a flat pan. Use a small wire sieve brush and/or a bristle brush to ensure that any residual fines are removed from the baskets. FM 5-563, Section 10.1.			

Comparison Criteria:

Plant Produced = ± 0.44 (between labs)
 ± 0.32 (within lab)
Laboratory Fabricated = ± 0.21 (between labs)
 ± 0.13 (within lab)

Remarks:

Date: _____ Technician: _____ IA Observer: _____

Technician's e-mail address: _____

Employer's / supervisor's e-mail address: _____