

Equipment Checklist FM 5-563 Asphalt Content by Ignition Oven

		P	F	N/A
Furnace				
1.	Forced-air Furnace capable of maintaining specified test temperature. FM 5-563, Section 4.1.			
2.	Internally mounted balance-load cell. FM 5-563, Section 4.1.			
3.	Capable of weighing samples 2500 g plus the sample baskets. FM 5-563, Section 4.1.			
4.	Door remains locked until test is completed. FM 5-563, Sections 4.1 and 5.2.			
5.	Provides printout of appropriate test information. FM 5-563, Section 4.1.			
6.	Properly vented to the outside. FM 5-563, Section 5.1.			
7.	Audible alarm and indicator light to signal the end of the test. FM 5-563, Section 4.1.			
Equipment				
8.	Baskets – Minimum of two of tempered stainless-steel perforated sheet or mesh small enough to minimize the loss of sample. FM 5-563, Section 4.2.			
9.	Balance – Capability of 8 kg or greater, accurate to 0.1 g. FM 5-563, Section 4.3.			
10.	Safety Equipment – Appropriate protective equipment. Protective cage to isolate hot baskets on a heat resistant surface. FM 5-563, Section 4.5.			
11.	Oven – Capable of maintaining a temperature of $171^{\circ} \pm 5^{\circ}\text{C}$ ($340 \pm 9^{\circ}\text{F}$). FM 5-563, Section 4.4.			

Remarks:

Date: _____ Technician: _____ IA Observer: _____

Technician's e-mail address: _____

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