# Procedure Checklist FM 1-T 168: Sampling Bituminous Paving Materials

		Р	F	N/A		
Samp	Sampling from the truck.					
1.	Using a square-tipped shovel, obtain approximately equal portions from at least three well- separated locations in the truck immediately after the truck completes loading and moves to an accessible position. Remove material from the surface to a depth of approximately 12". FM 1-T 168, Section 3.1.1.					
2.	Samples shall be shoveled from the truck directly into a metal bucket of approximately three gallons in size. The asphalt mix shall be transported back to the laboratory in the bucket. FM 1-T 168, Section 3.1.1. Storage boxes for dense-graded mixes only may be filled directly at the truck sampling location. FM 1-T 168, Section 3.1.2, Note 1. This note does not apply to open-graded mixtures.					
3.	Silicone coated non-stick boxes must be used for all polymer modified mixtures. FM 1-T 168, Section 3.1.2, Note 2.					

# For dense-graded mixtures only.

rown butcher paper or silicone coated non-stick paper.	
per must be used for all polymer modified mixtures.	
e Gyratory Compactor (SGC) specimen. Scoop straight	
arters. Scoop straight towards the center of the pile and	
uarters. Scoop straight towards the center of the pile and mounts from both quarters. The sample can be scooped	
erial can be used to test as the QC sample to replace the	
	Norm Statistic period period bit of statistic control period   Intervention of the statistic control period period   Intervention period   Interventing

#### For open-graded mixtures only.

1.	Empty the bucket or sampling container by flipping it over and straight down onto a clean sheet of silicone coated non-stick paper in one quick motion. Do not pour the material. Do not roll the sample material. Manipulate only enough to form a rounded pile. FM 1-T 168, Section 3.2.2.1. Silicone coated non-stick paper must be used for all open-graded mixtures. FM 1-T 168, Sections 3.2.1 and 3.2.2, Note 5. Insert the metal quartering device into the center of the pile. FM 1-T 168, Section 3.2.2.1		
2.	QC sample: With the scoop on the paper, begin at the edge of the pile and scoop the correct mass needed for the QC sample from Quarters 1 and 4. Place the material from Quarter 1 directly into the bottom basket used in the ignition furnace. Place the material from Quarter 4 directly into the top basket. FM 1-T 168, Section 3.2.2.2. Discard the remainder of Quarters 1 and 4. A trowel can be used to remove this material. FM 1-T 168, Section 3.2.2.3. The material remaining in Quarters 1 and 4 can be placed in a silicone coated non-stick box. With the Engineer's approval, this material can be used to test as the QC sample to replace the material in the malfunctioned test. FM 1-T 168, Section 3.2.2.3.		
3	Raise the quartering device and rotate approximately one-eighth turn (45 degrees). Insert the metal quartering device to divide the two remaining quarters into four sections of near equal size. FM 1-T 168, Section 3.2.2.4.		
4.	VT sample: Scoop the correct mass required from opposite Quarters 2a and 3a. Place into a silicone coated non-stick storage box. Obtain approximately one-half the total mass required for the extraction/gradation test from Quarter 2a and one-half the total mass required from Quarter 3a. Keep each quarter separated in the box with silicone coated non-stick paper. FM 1-T 168, Section 3.2.2.5.		
5.	RT sample: Scoop the correct mass required from opposite Quarters 2b and 3b. Place into a silicone coated non-stick storage box. Obtain approximately one-half the total mass required for the extraction/gradation test from Quarter 2b and one-half the total mass required from Quarter 3b. Keep each half separated in the box with silicone coated non-stick paper. FM 1-T 168, Section 3.2.2.6.		

## Comparison Criteria: N/A

## Remarks:

Date: \_\_\_\_\_\_Technician: \_\_\_\_\_\_ IA Observer: \_\_\_\_\_

Technician's e-mail address:

Employer's / supervisor's e-mail address: \_\_\_\_\_