
ATTI - PERFORMANCE CHECKLIST

Field Technician

AASHTO R 97-19 – Sampling Asphalt Mixtures

Sample Size

SEC: 5.2 Sample size depends on the test methods being performed. Obtain sufficient quantity of material to perform all testing.

Sampling from Transport Unit

SEC: 5.6.1 Visually divide the haul unit into approximately three or four equal sections.

SEC: 5.6.2 Remove approximately 6 to 12 inches of material from the top of the sampling area. Obtain an increment from the exposed surface. Repeat in each of the remaining sections.

Sampling from a Windrow

SEC: 5.8.1 Avoid the beginning or end of the windrow section.

SEC: 5.8.2 Visually divide the windrow into approximately three equal sections.

SEC: 5.8.3 Remove approximately 1 foot from the top of the windrow. Fully insert the shovel as vertically as possible. Do not get into the underlying area, roll the shovel back and lift the material slowly to avoid material rolling off the shovel. Place in a sample container. Repeat in each of the remaining thirds.

Plate Method

SEC: 5.9.2.1.2 No technician is to be between the supply truck and the paver unless the supply truck is moving forward and the plate is to be placed at least 10 feet in front of the paver. If at any time obtaining a sample is unsafe, stop until it is made safe or stop the paving operation while the plate is installed.

SEC: 5.9.2.2 – 5.9.2.6 Lay the plate down diagonally with the direction of travel, in front of the paver. Hold the wire taut past the edge of the mat. Paver passes over the plate and pull the wire. Remove the full depth of the asphalt, take care to prevent sloughing of adjacent material.