
ATTI - PERFORMANCE CHECKLIST

Field Technician

AASHTO R90-18 – Sampling Aggregate Products

Sampling from Roadway - Berm or Windrow

- SEC: 5.6.1* Do not take the sample from the beginning or end.
- SEC: 5.6.1* Remove the top one third.
- SEC: 5.6.3* Take a minimum of three approximately equal increments from random locations along the windrow or berm.
- SEC: 5.6.3.1* Insert shovel into the location, do not sample underlying material.
- SEC: 5.6.3.1* Combine to form a single sample.

Sampling from the Roadway - In Place

- SEC: 5.7.2* Insert shovel to the full depth of the material, exclude underlying material, roll back the shovel, and lift slowly to avoid material rolling off. Repeat as necessary.

Sampling from Stockpile - Flat surface created by a Loader

- SEC: 5.8.1.1* Loader enters the stockpile with bucket at least 1 foot above the ground without contaminating the stockpile.
- SEC: 5.8.1.2* Discard the first bucketful.
- SEC: 5.8.1.3* Loader re-enters the stockpile and obtains a full bucket of material.
- SEC: 5.8.1.4* Form a small sampling pile, repeat as necessary.
- 5.8.1.7 Create a flat surface by having the loader back drag the small pile. Obtain increments from at least three random locations at least 1 foot from the edge. Excluding the underlying material.
- SEC: 5.8.1.8* Combine increments to form a sample.