

ATTI - PERFORMANCE CHECKLIST

AASHTO T11-24 – Materials Finer than No. 200 Sieve in Mineral Aggregates by Washing

- | <i>Sect.</i> | <u>Procedure</u> |
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| 6.2 | 1. Thoroughly mix the sample and reduce according to AASHTO R76. |
| 8.1 | 2. Dry the test sample to constant mass according to T255. Determine the mass to the nearest 0.1 gram. |
| 8.3 | 3. Procedure A: Place sample in a container and add sufficient water to cover it. No detergent, dispersing agent, or other substance shall be added to the water. Agitate the sample vigorously, bringing the particles finer than the #200 into suspension. |
| 8.3 | 4. Immediately decant the suspension over the nest of sieves (bottom #200 and upper #8 to #16). Use care to avoid as much as possible, the decantation of the coarse particles. |
| 8.4 | 5. Add a second charge of water, agitate and decant as before. Repeat until the wash water is reasonably clear. |
| 8.5 | 6. Following the washing of the sample, return all material retained on the nest of sieves to the container. No water shall be decanted from the container except through the nest of two sieves. (8.4) Excess water from flushing should be evaporated in the drying process. |
| 8.5 | 7. Dry the washed aggregate to constant mass according to T255. Record the mass to the nearest 0.1g. |
| 9.1 –
9.2 | 8. Procedure B: Prepare the sample in the same manner as Procedure A. Add sufficient water to cover the sample, and add wetting agent to the water. Agitate and decant as in Procedure A. |
| 9.3-
9.4 | 9. Add a second charge of water (without wetting agent) to the sample, agitate and decant as before. Repeat until the wash water is reasonably clear. Repeat the test as Procedure A. |

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- 11.1 10. Report the amount passing the #200 sieve to the nearest 0.1 percent, except if the result is 10 percent or more, report the percentage to the nearest whole number.