

Performance Exam Checklist

AASHTO T 19M/T 19

Bulk Density (“Unit Weight”) and Voids in Aggregate (Rodding Procedure Only)

WSDOT has adopted AASHTO T 19.

Participant Name _____

Exam Date _____

Procedure Element

Yes No

- 1. The tester has a copy of the current procedure on hand?
- 2. All equipment is functioning according to the test procedure, and if required, has the current calibration/verification tags present?
- 3. Sample is approximately 125 to 200 percent of quantity required to fill measure?
- 4. Sample is handled correctly to avoid segregation?
- 5. Sample is dried in accordance with WSDOT FOP for AASHTO T 255?

Rodding Procedure

- 6. Mass of empty unit weight measure is determined and recorded (nearest 0.1 lb)?
- 7. Measure is filled in three equal layers?
- 8. Each layer is rodded throughout it's depth 25 times with a hemispherical end of rod but rodding does not penetrating into the next layer?
- 9. Rodding is evenly distributed over the surface of the sample?
- 10. Mass of unit weight measure plus contents is determined to the nearest 0.1 lb and recorded?
- 11. All calculations performed correctly?
- 12. Bulk density reported to the nearest 1 lb/ft³?

First Attempt: Pass Fail

Second Attempt: Pass Fail

Signature of Examiner _____

Comments: