

## **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.

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Participant Name \_\_\_\_\_ Exam Date \_\_\_\_\_

**Procedure Element****Yes No**

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

**Rodding Procedure**

- |   |                          |                          |
|---|--------------------------|--------------------------|
| 6. Mass of empty unit weight measure is determined and recorded (nearest 0.1 lb)?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Measure is filled in three equal layers?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Each layer is rodded throughout its depth 25 times with a hemispherical end of rod but rodding does not penetrating into the next layer? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Rodding is evenly distributed over the surface of the sample?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Mass of unit weight measure plus contents is determined to the nearest 0.1 lb and recorded?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. All calculations performed correctly?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Bulk density reported to the nearest 1 lb/ft <sup>3</sup> ?   | <input type="checkbox"/> | <input type="checkbox"/> |

First Attempt: Pass  Fail Second Attempt: Pass  Fail 

Signature of Examiner \_\_\_\_\_

Comments: