

## **WSDOT FOP for AASHTO T 231**

### ***Capping Cylindrical Concrete Specimens***

WSDOT has adopted the published AASHTO T 231.

*AASHTO Test Methods cannot be included in Materials Manual due to copyright infringement.*

*WSDOT employees can access AASHTO and ASTM test methods in the following web address:*  
<http://wwwi.wsdot.wa.gov/MatsLab/BusinessOperations/ASTMLogin.htm>

*Non-WSDOT employees can order AASHTO's Standard Specifications for Transportation Materials and Methods of Sampling and Testing, using the following web address:*

<https://store.transportation.org>



# Performance Exam Checklist

## AASHTO T 231

### *Capping Cylindrical Concrete Specimens*

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

Record the symbols "P" for passing or "F" for failing on each step of the checklist.

Procedure Element	Trial 1	Trial 2
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/standardization/check and maintenance tags present?	_____	_____
3. Sulfur mortar heated to approximately 130°C (265°F), as determined by an all-metal thermometer?	_____	_____
4. Oldest material in pot not been used more than five times?	_____	_____
5. Capping plate or device warmed slightly before use?	_____	_____
6. Capping plate lightly oiled prior to use?	_____	_____
7. Molten sulfur mortar stirred immediately prior to pouring each cap?	_____	_____
8. Ends of specimen dry enough to preclude steam or foam pockets?	_____	_____
9. Capping plate and alignment guides used effectively?	_____	_____
10. Sufficient material used to cover cylinder end and allowed to harden?	_____	_____
11. Caps examined for pockets or hollow areas?	_____	_____
12. Caps checked for planeness?	_____	_____
13. Cylinders kept moist after capping?	_____	_____

Comments: First Attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_ Second Attempt: Pass \_\_\_\_\_ Fail \_\_\_\_\_

Examiner Signature: \_\_\_\_\_ WAQTC #: \_\_\_\_\_

