

WSDOT FOP for ASTM C1231

Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens

WSDOT has adopted the published ASTM C1231/C1231M-15.

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

Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens

ASTM C1231

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. Depressions in specimen ends checked?	_____	_____
4. Neoprene pads meet dimensional requirements?	_____	_____
5. Neoprene pads do not exceed the maximum reuse limits?	_____	_____
6. Unbonded caps not used for concrete with compressive strength below 1500 psi or above 12,000 psi?	_____	_____
7. If recommended, pads and specimen ends dusted with corn starch or talcum powder prior to testing?	_____	_____

First Attempt: Pass Fail Second Attempt: Pass Fail

Signature of Examiner _____

Comments:

