

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.

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:

wwwi.wsdot.wa.gov/tools-services/library-services/access-aashto-publications-and-astm-aci-or-sspc-standards

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

ASTM C 1231

Use of Unbonded Caps in Determination of Compressive Strength of Hardened 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. 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?	_____	_____

Comments: First Attempt: Pass _____ Fail _____ Second Attempt: Pass _____ Fail _____

Examiner Signature: _____ WAQTC #: _____

