

**Delaware Department of Transportation
Materials and Research
Dover, Delaware**

DATE: _____

**SLUMP OF HYDRAULIC CEMENT CONCRETE
PERFORMANCE CHECKLIST
AASHTO T119 (ASTM C-143)**

	YES	NO	RECHECK DATE P/F
1. Dampen the cone and base plate.	_____	_____	_____
2. Hold the cone firmly against the base by standing on the two foot pieces. Do not allow it to move in any way during filling.	_____	_____	_____
3. Scoop representative samples into cone in three equal layers (by volume), the first to a depth of 2 5/8 in., the second to a depth of 6 1/8 in., and the third to just over the top of the cone.	_____	_____	_____
4. Rod each layer throughout its depth 25 times; distributing the stokes uniformly over the cross section of each layer.	_____	_____	_____
5. Rod the second and third layers to just penetrate into the underlying layer.	_____	_____	_____
6. When rodding the top layer, keep excess concrete above the mold at all times.	_____	_____	_____
7. Strike off concrete level with top of cone using the tamping rod.	_____	_____	_____
8. Lift the cone upward 12 in. in one smooth motion, without twisting, in 5±2 seconds.	_____	_____	_____
9. Measure to the nearest ¼ in. the slump from the top of cone to the displaced original center of the top surface of the specimen.	_____	_____	_____
10. Perform the test from start to finish within 2 ½ minutes.	_____	_____	_____

SUPERVISOR

TECHNICIAN