

SLUMP CONE VERIFICATION PROCEDURE #38

Revised 4/25/2002

Equipment Checked: SLUMP CONE (AASHTO T 119) (ASTM c 143)

Purpose:

This method provides instructions for checking the critical dimensions of a slump cone used for measuring the slump of a concrete mix.

Inspection Equipment Required:

1. Measuring Tape, readable to 1/16"
2. 12" Ruler, readable to 1/16"

Tolerance:

The tolerance of the critical dimensions is $\pm 1/8$ ".

Procedure:

1. With a ruler, measure the inside diameter of the base of the cone, rotate 90 degrees and measure again.
2. With a ruler, measure the inside diameter of the top of the cone, rotate 90 degrees and measure again.
3. With a measuring tape, measure the distance from the top of the cone to its bottom center.

EQUIPMENT CALIBRATION RECORD

Calibration Procedure No. 38 Slump Cone (AASHTO T 119)

Date:	Calibrated by:
Previous Calibration Date:	Next Due:
Frequency: Independent Assurance: 12 Mo. Acceptance Testing: Prior to use on project	
Calibration Equipment	Serial Number
Ruler, readable to 1/16"	
Measuring Tape, readable to 1/16"	
Comments:	

Cone ID	Base Diameter 8± 1/8"	Top Diameter 4± 1/8"	Height of Mold 12± 1/8"	Repair	Replace	None