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 ± 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)

<table>
<thead>
<tr>
<th>Calibration Equipment</th>
<th>Serial Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ruler, readable to 1/16”</td>
<td></td>
</tr>
<tr>
<td>Measuring Tape, readable to 1/16”</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:**

<table>
<thead>
<tr>
<th>Cone ID</th>
<th>Base Diameter</th>
<th>Top Diameter</th>
<th>Height of Mold</th>
<th>Repair</th>
<th>Replace</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8± 1/8”</td>
<td>4± 1/8”</td>
<td>12± 1/8”</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4/25/2002