

PROCEDURE FOR CALIBRATING, STANDARDIZING OR CHECKING EQUIPMENT

Original 12/96, Revised 8/21/08, 3/11, 7/14

PROCEDURE #4

Equipment Checked:

HANDHELD RAMMER (Proctor)

T 99, T 180, SD 104

Purpose:

To provide instructions for checking the weight & critical dimensions.

Inspection Equipment Required:

1. Caliper readable to 0.0005" (0.01 mm)
2. Tape measure readable to $\frac{1}{16}$ ".
3. Scale readable to 0.1 g, 20,000 g capacity.

Tolerance:

Equipment shall meet the dimensional tolerances specified in the test methods listed above.

Procedure:

1. Using the caliper measure the diameter of the rammer face determined by taking two readings 90° apart.
2. Extend the rammer, measure and record the drop height of the rammer. Determine this height inside the guide sleeve using the tape measure.
3. Remove the nut at the top of the handle, slide the sleeve off and weigh the nut with the rammer. Record the weight.
4. Measure and record the diameter of all vent holes.
5. Measure and record the distance of the vent holes from the end of the sleeve.