

**GYRATORY COMPACTOR MOLDS, BASE PLATES AND RAM PLATE  
VERIFICATION PROCEDURE #52**

April 1, 2002

Equipment Checked:       GYRATORY COMPACTOR MOLDS, BASE PLATES  
                                  AND RAM PLATE   (AASHTO T 312)

Purpose:

This method provides instructions for verifying dimensions of molds, base plates and ram plate.

Inspection Equipment Required:

1. Calipers readable to 0.01 mm.
2. Ruler reading to at least 250 mm.

Tolerance:

Refer to AASHTO T 312

Procedure:

1. Measure and record the inside diameter of the mold to the nearest 0.01 in. Rotate the mold 90 degrees and measure and record the inside diameter again. Turn the mold over and repeat. Using a ruler measure and record the height of the mold. Rotate 90 degrees and measure and record the mold height again.
2. Measure and record the outside diameter of the base plates and ram plate to the nearest 0.01 in. Rotate 90 degrees and measure and record the outside diameter again.

### EQUIPMENT CALIBRATION RECORD

Calibration Procedure No. 52 Gyrotory Compactor: Molds, Ram Faces, Base Plate Faces  
(AASHTO T 312)

Date:	Inspected by:
Previous Calibration Date:	Next Due:
ID No.:	
Frequency: 6 Months	
Action Recommended:	
Repair _____ Replace _____ None _____ Other _____	
<b>Calibration Equipment</b>	<b>Serial Number</b>
Calipers readable to 0.01mm	
Ruler to 250 mm	
Comments:	

	Wall Thickness (mm)	Inside Diameter (mm)	Height (mm)	Base Plate (mm)
Molds #1				
#2				
#3				
#4				

Ram Plate (mm): \_\_\_\_\_