

# Internal Angle Calculation Worksheet

## Superpave Gyrotory Compactor

Serial Number: \_\_\_\_\_ Owner: \_\_\_\_\_  
 Model: \_\_\_\_\_ Location: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_ Total Gyration: \_\_\_\_\_  
 Pressure (kPa): \_\_\_\_\_ Mold Temperature: \_\_\_\_\_

### Angle Measurement Instrument

Serial Number: \_\_\_\_\_ Calibration Date: \_\_\_\_\_  
 Model: \_\_\_\_\_ Next Calibration Due: \_\_\_\_\_  
 Eccentricity (mm): \_\_\_\_\_ Tilting Moment: \_\_\_\_\_

### Internal Angle Measurements

Angle Measured (Top or Bottom)	Measured Angle (report to nearest 0.01 degrees)	Internal Angle Result
Top	1: _____ 2: _____	Top <i>average</i> = _____ $\left[ \frac{Top1 + Top2}{2} \right]$
Bottom	1: _____ 2: _____	Bottom <i>average</i> = _____ $\left[ \frac{Bottom1 + Bottom2}{2} \right]$

Angle *effective* = \_\_\_\_\_  

$$\left[ \frac{Top_{average} + Bottom_{average}}{2} \right]$$

Technician: \_\_\_\_\_ Date: \_\_\_\_\_