

6-17-09

ARKANSAS STATE HIGHWAY
AND
TRANSPORTATION DEPARTMENT

**NOTICE TO CONTRACTORS &
ASPHALT PRODUCERS**

The Department's Asphalt Concrete Hot Mix (ACHM) Design procedures will require calibration of the Superpave Gyratory Compactor according to the latest version of AASHTO T 312 (Standard Method of Test for Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor) and TP 71 (Evaluation of Superpave Gyratory Compactor (SGC) Internal Angle of Gyration Using Simulated Loading). AASHTO T 312 requires the internal angle of gyration to be 1.16 ± 0.02 degrees and that the gyratory compactor be calibrated according to TP 71.

All new mix designs submitted for approval after January 1, 2010 will be verified and accepted by the Materials Division with SGC's having the internal angle calibrated to 1.16 ± 0.02 degrees. Also, all ACHM mixes produced after January 1, 2010 will require Quality Control and Acceptance testing with SGC's having the internal angle calibrated to 1.16 ± 0.02 degrees according to the latest version of AASHTO T 312.