

**HOT MIX ASPHALT (HMA) IN-HOUSE CALIBRATION PROCEDURE # 20
FOLLOWER, CALIBRATION CYLINDER**

FOLLOWER, CALIBRATION CYLINDER (AASHTO T 246, 247; ASTM D 1560, 1561)

1. SCOPE

1.1 Use the procedure to check the critical dimensions of the follower and the calibration cylinder used in the Hveem stability test.

2. APPARATUS

2.1 Digital Caliper

3. PROCEDURE

3.1 Take the following dimensions with a digital caliper.

3.1.1 Measure and record the diameter and the wall thickness of the follower.

3.1.2 Remove the follower from service if the diameter or the wall thickness measurements are outside the tolerances listed in Table 1.

3.1.3 Measure and record the outside diameter and the height of the calibration cylinder.

3.1.4 Remove the calibration cylinder from service if the outside diameter or the wall thickness measures are outside the tolerances listed in Table 1.

Table 1. Measurement Tolerances

Apparatus		Tolerance
Follower	Diameter	139.70 ± 6.35 mm
	Wall Thickness	101.219 ± 0.127 mm
Calibration Cylinder	Outside Diameter	101.6 ± 0.13 mm
	Height	140.0 ± 6.4 mm