

**ASPHALT IN-HOUSE CALIBRATION PROCEDURE # 11 A
APPARATUS FOR SOFTENING POINT TEST OF BITUMEN (SOFTENING BALL)**

**EQUIPMENT CHECKED: APPARATUS FOR SOFTENING POINT TEST OF BITUMEN
(SOFTENING BALL) (AASHTO T 53) (ASTM D 36)**

1. SCOPE

- 1.1 This procedure provides instructions for checking the equipment used to perform the softening point test.
-

2. APPARATUS

Inspection Equipment Required:

1. Caliper, readable to 0.001 in.
2. Balance, readable to 0.01 g
3. Metal ruler, readable to 1.0 mm

Tolerance:

Equipment shall meet the tolerances specified in test methods T 53 and D 36.

3. PROCEDURE

- 3.1 Using a caliper, measure the diameter of the steel ball. Record measurement.
- 3.2 With a balance, readable to 0.001 g, determine the weight of the steel ball.