

Conical Mold and Tamper Calibration Worksheet

	Mold	Tamper	
Equipment ID:	_____	_____	Date: _____
Manufacturer:	_____	_____	Performed By: _____
Model #:	_____	_____	Last Calibration: _____
Serial #:	_____	_____	Next Calibration Due: _____
Storage Location:	_____	_____	

Calibration Item: Verify critical dimensions of the conical mold and tamper (AASHTO T 84)
 Calibration Procedure: In-House Procedure for Verifying Conical Mold and Tamper
 Calibration Equipment: Caliper readable to at least 0.1 mm

Caliper ID: _____

Ruler readable to at least 1 mm

Ruler ID: _____

Straightedge

Straightedge ID: _____

Scale readable to at least 0.1 g

Scale ID: _____

Conical Mold

Dimension	Measurement	Tolerance
Top Inside Diameter		40 ± 3 mm
Bottom Inside Diameter		90 ± 3 mm
Height of Cone		75 ± 3 mm
Top Thickness of Cone		at least 0.8 mm
Bottom Thickness of Cone		at least 0.8 mm

Tamper

Dimension	Measurement	Tolerance
Tamping Face Diameter		25 ± 3 mm
Mass of Tamper		340 ± 15 g

Pass / Fail _____

Initial By _____