

Beam Mold Calibration Worksheet

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

Calibration Item: Verify critical dimensions and straightness of a beam mold
 Calibration Procedure: In-House Procedure for Verifying Beam Mold
 Calibration Equipment: Ruler readable to 1/16 inch (1 mm) or better
 Straightedge at least 12 inches (305 mm) in length
 Hex Key – 1/16 in.(1.5 mm) or 1/8 in. (3 mm)

Beam Size: 4 x 4 x 14 6 x 6 x 20 _____

	Measurement	Tolerance	Pass / Fail
Width		not less than nominal size	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Depth		not less than nominal size	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Length		at least 2 in. (50 mm) more than 3 x depth	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Ratio = Width / Depth		not greater than 1.5	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Deviation greater than tolerance?	width < 6 in. (152 mm)	1/16 inch (1.6 mm)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	width ≥ 6 in. (152 mm)	1/8 inch (3.2 mm)	

Pass / Fail _____
 Initial By _____