

Capping Plate Calibration Worksheet

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

Calibration Item: Verify critical dimensions and planeness of a capping plate
 Calibration Procedure: In-House Procedure for Verifying Capping Plates
 Calibration Equipment: Ruler or caliper readable to 0.05 in. (1 mm) or better

Ruler or Caliper ID: _____
 Straightedge
Straightedge ID: _____
 Feeler gauge size _____

Capping plate size (cylinder diameter) 4 in. (100 mm) 6 in. (150 mm)

	Measurement	Tolerance	Pass / Fail
Base Thickness		Minimum thickness: <input type="checkbox"/> glass – 0.25 in. (6mm) <input type="checkbox"/> metal – 0.45 in. (11 mm) <input type="checkbox"/> stone – 3 in. (75 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Width		<input type="checkbox"/> 4 inch cyl. – at least 5 in. <input type="checkbox"/> 6 inch cyl. – at least 7 in.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Is the capping plate plane?			
4 inch plate	<input type="checkbox"/> Yes <input type="checkbox"/> No	0.002 in. (0.05 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
6 inch plate	<input type="checkbox"/> Yes <input type="checkbox"/> No	0.0015 in. (0.04 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Does the capping plate have gouges, grooves or indentations greater than allowed?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Maximum size: 0.01 in. (0.25 mm) deep 0.05 in. ² (32 mm ²) in surface area	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Pass / Fail _____
 Initial By _____