

Rammer Calibration Worksheet

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

Calibration Item: Verify critical dimensions and mass of a rammer
 Calibration Procedure: In-House Procedure for Verifying Rammers
 Calibration Equipment: Caliper readable to 0.001 in. (0.025 mm) or better

Caliper ID: _____
 Ruler readable to 0.1 in. (1 mm) or better
Ruler ID: _____
 Scale readable to 0.01 lb. (1 g) or better
Scale ID: _____

Rammer 5.5 lb Manual Mechanical

	Measurement	Tolerance	Pass / Fail
Mass of rammer		5.5 ± 0.02 lb. (2.495 ± 0.009 kg)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Rammer Face Circular Sector

Diameter of circular face		not less than 1.985 in. (50.42 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Radius of sector face		$A = \frac{\theta}{360^\circ} \pi r^2$	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Arc of sector face (deg)			<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Area of sector face		3.14 ± 0.047 in ² (2027 ± 30 mm ²)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Drop height		12.00 ± 0.06 in. (305 ± 2 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
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Vent Holes

Top (4) diameters			at least 3/8 in. (9.5 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Bottom (4) diameters			at least 3/8 in. (9.5 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Rammer Calibration Worksheet

Rammer 10 lb Manual Mechanical

	Measurement	Tolerance	Pass / Fail
Mass of rammer		10.0 ± 0.02 lb. (4.536 ± 0.009 kg)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Rammer Face Circular Sector

Diameter of circular face		not less than 1.985 in. (50.42 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Radius of sector face		$A = \frac{\theta}{360^\circ} \pi r^2$	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Arc of sector face (deg)			<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Area of sector face		3.14 ± 0.047 in ² (2027 ± 30 mm ²)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Drop height		18.00 ± 0.06 in. (457 ± 2 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
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Vent Holes

Top (4) diameters			at least 3/8 in. (9.5 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Bottom (4) diameters			at least 3/8 in. (9.5 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Pass / Fail _____

Initial By _____