

Core Length Measuring Device Calibration Worksheet

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

Calibration Item: Verify critical dimensions and distance measurements of a core length measuring device and verification gauge

Calibration Procedure: In-House Procedure for Verifying Core Length Measuring Devices

Calibration Equipment: Caliper readable to 0.001 in. (0.025 mm) or better

Caliper ID: _____

Verification gauge

Gauge ID: _____

Straightedge

Straighedge ID: _____

Feeler gauge 0.001 in. (0.02 mm)

	Caliper Measurement	Rod Measurement	Tolerance	Pass / Fail
Measuring rod marking # 1			± 0.05 in. (0.5 mm)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Measuring rod marking # 2				<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Measuring rod marking # 3				<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Length of verification gauge				
Are both ends of the verification gauge plane to 0.001 in. (0.02 mm)?			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Verification Gauge Length	Rod Measurement	Tolerance	Correction
Center Point			If average measurement exceeds tolerance, subtract average from true length to obtain correction
Perimeter 1			
Perimeter 2			
Perimeter 3			
Perimeter 4			
Average		± 0.01 in. (0.25 mm)	

Pass / Fail _____

Initial By _____