



01

Layout

1.3 Calipers

1.3.1 Measure Thickness

Candidate Name: _____ Date/Time: _____

Evaluator Name: _____ Location: _____

Completed test successfully: ☐ Yes ☐ No (If no, reason:) _____

Pre-Operation Checklist

Level 1

PERFORMANCE STANDARD:

- ▶ Verifies caliper reads "0" when jaws are touching.
- ▶ Demonstrates understanding of all applicable controls and functions of the caliper(s) to be used for evaluation.
- ▶ Handles caliper with care and stores properly with jaws not touching each other.

Level 2

PERFORMANCE STANDARD:

- ▶ Verifies calibration to a known standard.
- ▶ Meets Level 1 performance standard.

Considerations:

- ▶ Pre-Operation Checklist is a prerequisite for ANY operation.
- ▶ Applies to Digital and Dial calipers (decimal, fractional, and metric) commonly found in the shop.
- ▶ Tools are in working condition; capable of being properly zeroed out and will hold calibration.
- ▶ Test examples are of appropriate size to be measured using the available tools.
- ▶ Process is completed in a timely manner.

Please use back side for additional notes

Operation Checklist

Level 1:

Given material with known thickness dimensions, and a caliper calibrated and ready to measure, record the thickness.

Performance standard:

- ☐ Accuracy of answer shall be ± 0.076 mm [0.003"].

Level 2:

Given material with known thickness dimensions, and a caliper slightly out of adjustment (calibration), demonstrate ability to zero out the instrument, and record the thickness.

Performance standard:

- ☐ Demonstrates ability to zero out/calibrate the caliper.
- ☐ Meets Level 1 performance standard.