AUTOMATION CONTROLS TOOLBOX

Analog calibration worksheet

FIELD RECORD | GENERATED LOCALLY IN YOUR BROWSER

Reviewable field record generated on this device. Confirm governing instrument and site requirements.

GENERATED
9/17/2026, 2:10:08 PM

1 Job and evidence

Entered configuration, observations and calculated results.

Job

FICTIONAL SAMPLE ONLY - NOT A CALIBRATION CERTIFICATE. No equipment was tested. Pass/Fail compares invented readings with the selected tolerance; uncertainty and traceability are not established.

Range

0 to 100 PSI

Tolerance

0.5% of engineering span

Results

0% point | Applied 4 mA | Expected 0 PSI | Allowed +/-0.5 PSI
As found: 0.2 PSI | Error 0.2000 PSI | Pass
As left: 0.1 PSI | Error 0.1000 PSI | Pass

25% point | Applied 8 mA | Expected 25 PSI | Allowed +/-0.5 PSI
As found: 25.3 PSI | Error 0.3000 PSI | Pass
As left: 25.1 PSI | Error 0.1000 PSI | Pass

50% point | Applied 12 mA | Expected 50 PSI | Allowed +/-0.5 PSI
As found: 50.7 PSI | Error 0.7000 PSI | Fail
As left: 50.2 PSI | Error 0.2000 PSI | Pass

75% point | Applied 16 mA | Expected 75 PSI | Allowed +/-0.5 PSI
As found: 75.1 PSI | Error 0.1000 PSI | Pass
As left: 75.1 PSI | Error 0.1000 PSI | Pass

100% point | Applied 20 mA | Expected 100 PSI | Allowed +/-0.5 PSI
As found: 99.8 PSI | Error -0.2000 PSI | Pass
As left: 99.9 PSI | Error -0.1000 PSI | Pass