

Leak Test Troubleshooting List

Use this list to help you troubleshoot a leak test when it does not behave as expected.....

Reject in Fill Step

This list provides possible causes of rejects occurring in the Fill step:

- Air supply is not turned on.
- Test part is not connected to the air supply.
- Fixture seals are bad.
- Part has a gross leak.
- Pressure limits (upper or lower) have changed.
- Pressure is below the lower limit.
- Pressure is above the upper limit.
- Pressure regulator settings have changed.
- Pneumatic valves have changed.
- Air source cannot supply proper pressure.
- Fill time has changed.
- Wrong program is selected.

Reject In Stabilize Step

This list provides possible causes of rejects occurring in the Stabilize step:

- Fixture seals are bad.
- Part has a gross leak.
- Pressure limits (upper or lower) have changed.
- Pressure is below the lower limit.
- Pressure is above the upper limit.
- Stabilization time is too short.
- Air source cannot supply proper pressure.
- Fixture or part has movement.
- Stabilization time has changed.
- Wrong part being tested.
- Wrong program is selected.
- Pneumatic piping is leaking.
- Pneumatic valves are bad.

Reject in Leak Step

This list provides possible causes of rejects occurring in the Leak step:

- Part has a small leak.
- Fixture seals are bad.
- Compensation is not correct.
- Calibration is not correct.
- Test time has changed.
- Fixture or part has movement during test.
- Part volume has changed.
- Part temperature has changed.
- Part contains water from washer.
- Test limits have changed.
- Wrong part being tested.
- Wrong program is selected.
- Part is different from set-up (master) part.
- Different fixture seals are installed.
- Fixture is not sealing on test part.
- Pneumatic system is leaking.