

## First Article Inspection (FAIR) Policy

---

Penn Engineering Components, Inc. performs First Article Inspection (FAIR) in accordance with the intent of SAE AS9102 to verify that our manufacturing processes produce parts that conform to design, engineering, and specification requirements before proceeding to full production.

### This policy is fulfilled through:

- Performing a First Article Inspection for each new part number prior to first production shipment.
- Repeating First Article Inspection upon a change in design, material, manufacturing process, location, or tooling that could affect form, fit, or function.
- Repeating First Article Inspection following a break in production of the applicable part number exceeding [PLACEHOLDER: e.g., two years], consistent with AS9102 guidance.
- [NEED CONFIRMATION: Verifying and documenting 100% of drawing characteristics using Coordinate Measuring Machine (CMM) inspection, with characteristics correlated to a ballooned drawing or equivalent characteristic accountability record.]
- Recording applicable material certifications, process certifications (e.g., dip brazing per AWS C3.7, chem-film per MIL-C-5541), and functional/electrical test results (Vector Network Analyzer characterization) as part of the First Article record where applicable.
- Reviewing and approving First Article Inspection records prior to release of the associated production lot.
- Retaining First Article Inspection records for [PLACEHOLDER: retention period, e.g., the life of the program plus X years].
- Making First Article Inspection Reports (FAIRs) available to customers upon request or as required by contract.

This policy applies to all new and reworked part numbers manufactured by Penn Engineering Components, Inc. and is administered by our internal Quality & Inspection team.

*[Signature]*

*[Name]*

*[Title — e.g., Quality Manager]*

Penn Engineering Components, Inc.

Effective Date: *[Effective Date]*

Last Reviewed: *[Last Reviewed Date]*