

A skilled Process Engineer experienced in developing, optimizing, and supporting high-quality electronics manufacturing processes. Strong background in driving efficiency, improving reliability, and implementing continuous improvement initiatives within fast-paced production environments. Adept at cross-functional collaboration, technical problem-solving, and supporting both new product introduction and ongoing production stability.

Key Strengths & Responsibilities

- **Manufacturing Optimization:** Improves production quality and efficiency using data-driven methods and cross-functional teamwork.
- **Risk Management:** Develops and maintains PFMEAs, implements risk-reduction actions, and supports robust process controls.
- **Design for Manufacturability (DFM):** Performs DFM reviews for new products to ensure smooth, cost-effective production readiness.
- **Process Validation:** Plans and executes Design of Experiments (DOE) to validate processes and equipment performance.
- **Tooling & Fixturing:** Designs fixturing to reduce risk, improve quality, and enhance repeatability.
- **Work Instructions:** Creates and maintains detailed, clear work instructions that support consistent production outcomes.
- **Production Support:** Troubleshoots issues, implements corrective actions, and prevents recurrence through structured problem-solving.
- **Lean Manufacturing:** Applies LEAN principles to reduce waste and strengthen process flow.
- **Capital Equipment:** Supports equipment selection, qualification, and implementation for new or improved processes.
- **Qualification Protocols:** Writes and executes Operational Qualification (OQ) protocols.
- **Industry Standards:** Applies IPC-A-610 requirements for electronic assembly acceptability.
- **Training & Development:** Trains production operators and supports skill development across the team.
- **Customer Support:** Assists with customer corrective actions and provides technical expertise as needed.
- **Subject Matter Expertise:** Serves as SME for assigned processes and equipment, ensuring strong technical leadership.

Preferred Qualifications

- Bachelor's degree in a related engineering field with 2+ years of relevant experience.

- Knowledge of PCBA manufacturing and electronic component packages.
- Strong attention to detail and continuous improvement mindset.
- IPC-A-610 certification or willingness to obtain.
- Effective communicator with strong written and verbal skills.
- Self-motivated, able to work independently and collaboratively.

Additional Notes

- On-site role; not remote.
- No work authorization sponsorship available.

Benefits Summary (Candidate-Centric)

- 401(k) matching
- Health, dental, and life insurance
- Paid time off
- Tuition reimbursement
- Promotion opportunities
- Climate-controlled facility