

Manufacturing Engineering Technician

Location: Bradenton, Florida, USA

Reports To: Advanced Manufacturing Manager

Job Summary

The Manufacturing Engineering Technician supports the production floor, specifically the SMT area, with equipment, operation, and improvements.

Essential Duties and Responsibilities

- Develop and maintain programs on all automated assembly equipment in the SMT area including:
 - Stencil development and approval
 - SMT pick and place programs
 - Reflow oven profiling
- Troubleshoot and repair system errors that occur during the manufacturing process
- Perform routine preventative maintenance on SMT systems utilizing online CMMS.
- Assist the Advanced Manufacturing Manager with equipment installations and startups.
- Develop written work instructions for equipment on the manufacturing floor.
- Monitor manufacturing processes to identify opportunities for improvement.
- Recommend corrective or preventative actions to improve both product quality and reliability.
- Train production operators on new processes and refresh operators training on existing processes.
- Assist the Advanced Manufacturing Manager with prototype and pre-production builds.

Education and Experience

A minimum of 4 years manufacturing experience with a focus on SMT process and support.

Qualifications

- Significant proficiency with computers and with MS Office, Adobe Acrobat, CAD systems, Gerber translation systems, and Google Chrome.
- Successful working knowledge of SMT Programming – MPM and Samsung systems a plus
- Basic working knowledge of overall SMT assembly process
- Excellent communication skills, both written and verbal
- Basic working knowledge of schematics and mechanical drawings

Other Knowledge, Skills and Abilities

- Problem solving – Creative solutions to overcome production challenges.
- Information acquisition – Methodically and systematically gathers data in order to make proper and comprehensive solution recommendations.
- Data Analysis – Review data gathered to identify trends or indicators of problem events.



- Communication – Effectively communicate with managers, operators and team members progress on programs, maintenance, and repair situations.
- Organized – Must maintain a neat and clean work area.
- Initiative – Ability to identify things that need to be done, follows CMMS scheduling, and handles tasks without constant supervision.

Certificates, Licences and Registrations

May be required to complete ESD, IPC or other specialized training.

Physical Demands

- Employee is regularly required to sit, stand, and walk, use hands and fingers, talk, hear and kneel while working on equipment.
- The employee will occasionally be required to bend and reach with hands and arms.
- Specific vision abilities required by this job include close vision, color vision, depth perception, and the ability to focus.
- Occasionally lifting boxes weighing up to 50 pounds.