

Manufacturing Engineering Technician

SUMMARY

Provide equipment and process support (including machine maintenance) to printed circuit assembly lines.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Maintain and develop machine programs, part definition (PD) files and machine set-ups.
- Optimize machine programs and set-ups to meet or exceed theoretical product run-rate.
- Observe machine and line performance and determine the necessary steps needed to achieve optimum line efficiency and product quality.
- Maintain and repair all SMT equipment on assigned line(s).
- Determine when necessary machine repairs are needed and perform out-of-cycle maintenance.
- Perform 'as-required' preventative maintenance of SMT equipment on assigned line(s).
- Perform initial diagnosis of non-SMT equipment on assigned line(s), and execute repairs within skill level.
- Escalate more complex issues to and provide assistance as needed to accomplish repairs.
- Assist Machine Operators on assigned line(s) by providing ongoing training and direction.
- Assist with machine operation in order to expedite changeover, cover breaks, or otherwise improve line efficiency.
- Interface with Line Supervisor and Engineering Manager to determine corrective actions needed, and be the front-line person in ensuring that assigned line(s) performs with the maximum efficiency and product quality.
- Provide training to employees.
- Achieve optimum process performance by measuring and / or optimizing of reflow profiles, wave solder profiles, and screen printing of solder paste.
- Provide recommendations for designing, fabricating and / or modifying necessary tooling, and product design for manufacturability (DFM) improvements.
- Adhere to all safety and health rules and regulations associated with this position and as directed by supervisor.
- Comply with all procedures within the company security policy.

MINIMUM REQUIREMENTS

- Associate's degree preferred; or minimum of two years related experience and/or training; or equivalent combination of education and experience.