

ATI Job Profile

Manufacturing Test Engineer

Location: Novi, MI USA

ATI is seeking self-motivated individuals to fill a Manufacturing Test Engineer position in Novi, Michigan. This is a salaried position with competitive salary and benefits.

Responsibilities

As a member of the manufacturing team, you will be part of a dynamic, cross-functional team. The main focus is to ensure that products, processes, and systems related to the manufacturing of electronic circuit boards are defined and maintained in order to deliver at the highest quality levels.

Primary responsibilities include:

- Define, analyze, and resolve issues that arise during production to minimize down time
- Maintain production equipment, ensuring production team can attain high levels of operational efficiency
 - Primary machines include solder printer, pick & place machine, oven, board washer, and X-Ray
- Assist Manufacturing personnel in reconfiguring and optimizing workstations
- Machine programming
- Train others in the engineering department and/or production employees on equipment or processes
- Building of first article prototypes for engineering evaluation and manufacturing process optimization
- Develop, implement, and maintain manufacturing test processes / methods with an emphasis on electrical test and calibration (e.g.; assembly, programming, test, and calibration instructions)
- Communicate direction for process / methods improvements to internal customers and engineers
- Tooling/fixture development for both manufacturing equipment and products
- Maintain databases for machine and design data
- Qualification and installation of new equipment
- Qualification and evaluation of materials (e.g.; epoxies, cables, solvents, connectors, test systems, etc.)
- Travel for equipment or process training, when required

- Other tasks as requested by management

Qualifications

The ideal candidate will have the following qualifications and skills:

Essential Skills/Experience

- A bachelor's degree in engineering, mechanical or electrical majors preferred
- 3-5 years of manufacturing engineering experience related to electronic circuit boards
- Ability to read circuit schematics and component data sheets
- Experience with basic electronics and electronic test equipment
- Excellent computer skills

Bonus Skills/Experience

- Statistical Process Control (SPC) and/or data analysis skills a plus
- 6-Sigma or other tool set for root cause analysis and problem resolution
- Familiarity with basic shop machine equipment (drill press, mill, lathe)
- Functional automotive knowledge

Essential Non-Technical Skills

- Positive proactive attitude and strong work ethic, self-starter
- Strong verbal and written communication skills
- Strong organizational and time management skills
- Experience with Windows/Microsoft Office applications
- Willingness to follow processes and procedures
- Ability to multi-task, prioritize work, and act independently

About ATI

Accurate Technologies, Inc, (ATI) is a global supplier of control system development tools with operations in six countries. We are focused on providing our customers with innovative and easy to use software and hardware solutions. Our operations include hardware engineering, software engineering, and

Candidates who meet the preceding qualifications should email their resume to hr_us@accuratetechnologies.com .