

Job Description

Automated Optical Inspector (AOI)



Job Location	Employment Type	Pay Scale	Work Schedule
Decatur, IL 62521	Full-Time / Hourly	\$16.00 to \$22.50	Monday – Friday, 7:00 am to 3:30 pm

Job Summary

The Automated Optical Inspector (AOI) is responsible for utilizing advanced imaging technology to analyze circuit boards for quality assurance. The AOI will work closely with the quality assurance team to identify trends and root causes of defects, contributing to continuous improvement in manufacturing processes.

Supervisory Responsibilities

This position has no supervisory responsibilities.

Duties/Responsibilities

- Set up, operate, and maintain AOI equipment to perform inspections on printed circuit boards (PCBs) and electronic assemblies.
- Detect defects, discrepancies, and variations in the product to ensure adherence to industry standards.
- Mark product defects and send product to the correct area for rework.
- Document inspection results and maintain accurate records in compliance with quality standards.
- Perform other duties as assigned.

Required Skills/Abilities

- Computer skills – Windows, Aegis, Factory Logix, Aimnet.
- A strong understanding of PCB assembly processes and quality assurance practices.
- Strong attention to detail and manual dexterity for handling small components.
- Good communication skills and the ability to work collaboratively in a team environment.

Education/Experience

- High school diploma or equivalent.
- Prior experience as an AOI or in a similar role within the electronics manufacturing industry is preferred but not required.

Physical Demands/Working Conditions

- Stoop down to complete work tasks frequently.
- Kneel and/or crouch to complete work tasks frequently.
- Extend your hand(s) and arm(s) in any direction at any height frequently.
- Remain standing in a stationary position for prolonged periods frequently.
- Remain sitting in a stationary position for prolonged periods frequently.
- Moving about to accomplish tasks, particularly for long distances or moving from one workstation to another on a rare basis.
- Pushing and/or pulling objects of varying weight in all directions frequently.
- Lifting objects up to 20lbs frequently and objects up to 50lbs on a rare basis.
- Use of finger dexterity, ability to grasp, and ability to differentiate shape and size with fingertips frequently.
- Frequently repeated motions that may include the wrists, hands, and/or fingers.
- Occasional communication with others to exchange information.
- Frequent exposure to machining hazards, specifically proximity to moving mechanical parts.
- Occasional exposure to hazardous materials, specifically chemical hazards in the form of cleaning materials.

Benefits

- Insurance (Medical, Vision, Dental, etc.) available after 60 days of employment.
- Paid holidays and 1-week Vacation time available after 90 days of employment.
- Traditional/Pre-Tax or Roth 401(k) options with company matching available after 90 days of employment.