



## Job Description - Automated Optical Inspection (AOI) Operator

<b>Job title</b>	<i>AOI Operator</i>
<b>Reports to</b>	<i>Production Manager</i>

### Job purpose

This position operates the automated optical inspection (AOI) machine and reviews machine-identified defects for accuracy. Reads production schedules, operations manuals and receives verbal instructions regarding sequential start-up and operation of AOI machine. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks and works under direct supervision.

### Duties and responsibilities

- Review AOI inspection for accurate, consistent detection of defects
- Load programs per documentation
- Make program modifications to improve inspection efficiency
- Communicate problems in the process or with components to the SMT machine operator and technical support staff for immediate correction
- Perform other related duties as assigned
- Requires flexibility and understanding that all staff may be required to perform duties outside their normal area of expertise to meet the mission and goals of the Company

### Qualifications

- High school diploma
- College diploma or university degree preferably in a technical field considered an asset
- Experience of running AOI machines
- Experience of inspecting SMT PCBs
- Mechanically minded
- Excellent computer skills
- Quality control and part identification experience
- Must exhibit knowledge and/or skill in operating equipment used in the area
- Soldering experience toward IPC-A-610 standards is an asset
- Familiarity with IPC-A-610, *Acceptability of Electronic Assemblies*
- Must be able to read, understand and interpret written and/or verbal instructions and have good communication skills in English
- Ability to deal with changing priorities on a daily basis
- Prefer at least 3 years experience in an electronics assembly environment

### Working conditions

- Shift work including days or evenings as required
- Moderate exposure to machinery and chemical risks is anticipated

### **Physical requirements**

- Long periods of standing in place
- Lifting of a minimum of 15 lbs. is required. Lifting is generally at or below 30 lbs. without significant repetitions.

### **Direct reports**

None.

---