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| **Job title** | *Repair Technician* |
| **Reports to** | *Production Manager* |

**Job purpose**

Responsible for repairing and modifying electronic assemblies through standard concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Repair of electrical and electronic assemblies is using standard shop procedures, process bulletins, drawings and other written or verbal instructions. Performs a variety of tasks and works under direct supervision.

**Duties and responsibilities**

* Repair and modify plated through hole (PTH) and surface mount technology (SMT) components on printed circuit boards (PCB)
* Participate in repair certifications as required by the Company
* Operate various pieces of specialized repair equipment including but not limited to Air-Vac ball grid array (BGA) repair, X-ray and solder pots
* Complete track cuts and other board modifications
* Perform touch-up on end-of-line defects from the production line
* Read work orders, follow production drawings and sample assemblies, or receive verbal instructions regarding duties to be performed
* Perform wire cutting, stripping and dressing ends
* Solder wires and other electronic components printed circuit boards using hand tools, power tools, machines and equipment as required
* Perform repair operations or inspection under microscope or other magnifying device
* 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 an asset
* College electronic assembly courses an asset
* Good soldering skills using standard alloys as well as lead-free alloys
* Familiarity with IPC-A-610, *Acceptability of Electronic Assemblies*
* Ability to read and interpret drawings
* 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
* Ability to work closely with a team of other assemblers
* Ability to work using a microscope
* Prefer at least 3 years of recent electronic assembly experience

**Working conditions**

* Shift work including days or evenings as required
* Seated hand assembly operations less than an arm's length away on both sides of fellow assemblers
* Moderate exposure to machinery and chemical risks is anticipated

**Physical requirements**

* Detailed work requiring continuous fine motor skills and repetitive motion
* Lifting of a minimum of 15 lbs. is required. Lifting is generally at or below 30 lbs. without significant repetitions

**Direct reports**

None.

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| **Approved by:** |  |
| **Date approved:** |  |
| **Reviewed:** |  |