



Job Description

Wave & Select Solder Operator

Full Time Position

Position: Operator

Position Description:

The qualified candidate will be applying for an operator position in the Thru-hole area.

Major Responsibilities Include:

- Understand lead forming/cutting techniques for thru-hole components and understand how to insert them into printed circuit boards (PCBs).
- Analyze risk and recommend ideas that will enhance the safety and solder ability of Pcb's.
- Control wave/ select soldering equipment in order to solder electronic components onto printed circuit boards, according to processing specifications
- Produce and inspect product to IPC-610 workmanship standards
- Read operations manuals & receive verbal instructions regarding sequential start up operation of wave/ select soldering equipment
- Move controls to activate machine or equipment, like preheater, wave-soldering units and conveyors
- Adjust controls of machines to regulate operating speed, flux height, and solder level.
- Adjust dimensions of conveyor pallets and rails used to hold and transport Pcb's through wave/select -soldering process.
- Place stuffed boards and pallets into the wave/ select soldering equipment and verify that timing, temperatures, and dimensions are set according to the assembly instructions.
- Observe meters, gauges, and indicator lights to make sure that soldering of Pcb's conforms to processing standards
- Examine samples of soldered boards to detect substandard soldering
- Discuss quality of soldering with engineering and adjusts controls according to instruction.
- Clean the interiors of machines and replenish fluids as needed.



- Perform preventive maintenance on the equipment, using hand tools
- Possess the ability to hand solder to IPC-610 workmanship standards

Non Essential Duties:

Other duties as required in the Production department.

Educational Requirements:

High School diploma or equivalent preferred.

Experience/Technical/General Skills Requirement

Prior Wave/Select solder experience is a must (5 years minimum). Must possess strong leadership capabilities and a strong understanding of the thru-hole process (example: component prep, masking, wave/select solder equipment..)

Physical Demands:

While performing the duties of this job, the employee is regularly required to stand for long periods. Occasional lifting is possible, but generally not to exceed 25 pounds. Ability and dexterity to effectively use basic assembly hand tools. Ability to use magnification aids when required.

This position may require exposure to information which is subject to US export control regulations, i.e. the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). All applicants must be U.S. persons within the meaning of U.S. regulations.