



Mechanical Electrical Assembler Job Description

JLS Automation is currently accepting candidates for a Mechanical Electrical Assembler for our corporate office in York, PA. The Mechanical Electrical Assembler will work with a leader in primary and secondary packaging machinery for the food manufacturing industry using cutting edge robotics technology. We have an exceptional customer-focused and employee centered culture in a heavy growth mode.

Mechanical Electrical Assembler Job Objective

The individual will be responsible for building, wiring, and testing control panels as well as fitting, assembling, and wiring electromechanical equipment and machines.

Mechanical Electrical Assembler Job Duties and Responsibilities

- Installs conduit, electrical wiring and assembles components in control cabinets, electrical and industrial equipment, and related industrial apparatus, according to blueprints wiring diagrams.
- Work from electrical drawings, schematics, wiring diagrams, written, verbal, and own knowledge for determining location and placement of electrical assemblies, conduit, fittings motors, controls and components.
- Lay out, plan and perform a wide variety of wiring and shop floor assembly installations consisting of but not limited to mechanical fastening of electronic/electrical components to electrical panels and electrical enclosures.
- Cut, route wires to various circuits. Check for continuity, proper markings and circuit integrity. Verify work performed by making static and/or simulated operational test to determine proper component or sequential circuit performance to meet machine operational requirements.
- Complete point-to-point machine and conveyor wiring.
- Use common assembly, hand and power tools, drills, conduit benders, pipe threading equipment and measuring devices such as volt meters and continuity testers as required.
- System testing consisting of checking input/output to all devices, verify correct operations of devices and systems.
- Verify parts are free of flaws, defects, or imperfections and meet all dimensional requirements as specified on drawings.
- Assist Engineering with machine testing and factory acceptance testing as needed
- Assist with all shipping functions, including building skids and/or crates as needed
- Use forklift as needed for material handling tasks.
- Maintain forklift training and certification.
- Assist in maintaining grounds and facility as needed.
- Other duties may be assigned.

Mechanical Electrical Assembler Knowledge, Skills and Abilities

- 1-3 years of experience or equivalent combination of education and experience in the layout, assembly, wiring, and testing of PLC electrical control panels from prints.
- Able to read and interpret instructions, blueprints and electrical specifications and schematics as required.
- Familiarity and working knowledge of 110v single-phase circuitry to 480v three phase, as well as AC and DC servo drives.
- Comfortable with both electrical and mechanical machine assembly.
- Familiarity with mechanical and electrical tools and equipment.
- General mechanical aptitude for the assembly process.
- Strong power and control wiring aptitude.
- The ability to work with and understand electromechanical functionality.
- Industrial equipment wiring experience a must (conduit, sensors, disconnects, etc.)
- Attention to detail and ability to learn quickly