Company
Progressive Machine Design - www.pmdautomation.com

Job Title
Machine Build Technician / Electrician - www.pmdautomation.com

About
Progressive Machine & Design (PMD) builds and designs automated equipment, serving customers worldwide in Life Sciences, Automotive and Transportation, Consumer and Industrial, Fuel Cell and Advanced Battery, and Semiconductor industries. PMD are specialists in factory automation.

Position
The Machine Build Technician/Electrician plans layouts, installs, and repairs wiring, apparatus, and control equipment by performing, but not limited to, the following duties: (Bullet pointes with asterisks (**) are considered to be the essential job functions)

- Plans new or modified installations to minimize waste of materials, provide access for future maintenance, and avoid unsightly, hazardous, and unreliable wiring, consistent with specifications and local electrical codes. **
- Prepares sketches showing location of wiring and equipment, or follows diagrams or blueprints, ensuring that concealed wiring is installed before completion of future walls, ceilings, and flooring. **
- Measures, cuts, bends, threads, assemble, and installs electrical conduit. **
- Pulls wiring through conduit. **
- Splices wires by stripping insulation from terminal leads, twisting or soldering wires together, and applying tape or terminal caps. **
- Connects wiring to power equipment. **
- Installs control and distribution apparatus such as switches, relays, and circuit-breaker panels. **
- Connects power cables to equipment, such as electric range or motor, and installs grounding leads. **
- Tests continuity of circuit to ensure electrical compatibility and safety of components with testing instruments such as ohmmeter, battery and buzzer, and oscilloscope. **
- Observes functioning of installed equipment or system to detect hazards and need for adjustments, relocation, or replacement. **
- Repairs faulty equipment or systems. **

Education/Experience
- Minimum Vocational or Associates Degree with 2 or more years of related work experience preferred or equivalent combination of education and experience.
- Good communication, time management, organization, math (with basic algebra), reasoning, teamwork skills
- Some travel required.

How to apply
Please send your Resume, Cover Letter, and MCC M# to Joe Snowden at jsnowden4@monroecc.edu