PMD is hiring a full-time Machine Build Technician/Electrician

About
Progressive Machine & Design (PMD), in Victor, NY, 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 provides control panel build, machine wiring, pneumatics and hydraulic build for custom equipment. Performs power on, debug troubleshooting of machine processes as needed.

Duties and Responsibilities
• Studies blueprints, sketches, drawings, manuals, and specifications, to determine dimensions for cabinets, sequence of operations, and setup requirements.
• Confers with engineers, production personnel, programmers, or others to resolve wiring or assembly problems.
• Makes modifications to as-built prints and communicates with engineers on additional details essential to project success.
• Aids with suggestions on basic component purchases (wire-way, terminal blocks, etc.).
• Builds electrical panels; Lays out control back panel hole locations, Drills and tap holes as needed, Mounts DIN rail, wire ducts, direct mounted components, Mounts components to DIN rail, Wires devices to controls prints, Cuts out device locations for mounting (disconnects, A/C units, HMIs, etc.), Mounts completed back panels into cabinets, Assemblies pneumatic systems including; air prep units and valve banks.
• At machine; Wires from controls cabinet to machine-mounted devices (may include machine-based distribution blocks), Plumbs pneumatic devices to machine-mounted cylinders, Dresses in cabling and tubing for proper machine operation and to not cause interferences, Verifies initial power-on device operation.
• Aids with machine debug, including but not limited to; Power on I/O check, Set up and align sensors (prox switches, photo eyes, hall-effect sensors), Wire temporary jumpers and systems, as needed, for debug or troubleshooting, Observes machine operation during early debug.

Education/Experience/Attributes
• 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 for project installations/support.

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