MachMotion
14518 County Road 7240
Newburg, MO 65550
(573) 368-7399 • Fax (573) 341-2672

Electronics Technician II

Overview: This individual works directly with and for the Production Manager of MachMotion. With a strong knowledge base in electronics, this position is responsible for building all electrical cabinets for MachMotion using existing designs and making changes to those designs as needed. Each CNC system sold utilizes a basic design, however, this technician must adapt the wiring and controls to meet the customer's requirements via a myriad of varying parts.

Responsibilities: Responsible for construction, design, installation, maintenance and testing of electrical systems and components typically found in a MachMotion CNC Controller system. May use computer assisted engineering and design software and equipment to perform assignments. Applies principles and techniques of electrical engineering to accomplish goals. This individual uses measuring and diagnostic tools to test and modify electronic parts, while ensuring systems and components meet established specifications. The position requires a minimum of a high school diploma or equivalent, however, a bachelor's degree in electrical engineering with 2-4 years of experience in the field or in a related area, is optimal. Must be familiar with standard concepts, practices, and procedures within the electronics field. Relies on limited experience and judgement to plan and accomplish goals. Performs a variety of tasks. Works under general supervision, reporting to the Production Manager. A certain degree of creativity and latitude is required. Technology oriented responsibilities/experiences include, but are not limited to:

1. Enclosure design, wiring and assembly
2. Develop Pre-Prep ad Preassemblies
3. Courses of Study: Electrical Code, Panel Wiring, and Safety Standard & Regulations
4. Ability to read and understand drawings, the National Electrical Code & Standards
5. Ability to read and interpret Document Schematics
6. Limited Design, plan, develop and test electrical equipment and systems.
7. Limited Engineering support for assembly and installations.
8. Evaluation of equipment and systems, recommending design modifications.
9. Re-design of Panel Wiring, based on each project.
10. Ability to use Engineering AutoCad Electrical Software

Qualifications:

1. High School diploma a minimum, evidence of formal education preferred.
2. 2-4 years of experience within the field of advanced electrical engineering, assembly and manufacturing.
3. Experienced/knowledgeable in CNC machines a plus.

Compensation: Negotiable, yet salary considerations will be based on experience of the individual applicant.