



Position: Electrical Technician
Reports To: Assembly Manager

Job Description:

Under general supervision, perform power-up, maintenance, service, troubleshooting, inspection, and monitoring of machine tool and automation equipment. Main responsibilities include debugging the electrical systems but will also need to work with mechanical, fluid, and controls personnel to setup, verify, and troubleshoot entire system. Required to build and modify control panels and electrical junction boxes. Install power drops and long cable runs. Works with voltages from 24VDC up to 480VAC.

Core Competencies:

- Ability to understand and troubleshoot electrical schematics.
- Relate principles of electrical circuits to mechanical and fluid systems.
- Technically competent with strong analytical capabilities.
- Proficient in electrical panel and control cabinet building/modifying.
- Good written and verbal communication skills.
- Basic understanding of phasing for high voltage AC motors

Preferred Competencies:

- Experience with basic relay and PLC driven I/O systems and motors.
- Experience with Allen Bradley PLC's
- Experience with Siemens PLC's and/or CNC's drives and control systems.
- Experience with Fanuc PLC's and/or CNC's drives, and control systems.
- Experience with robotics.

Education/Experience:

- Five years' experience in a similar field preferred

Electrical Technician Job Description

Duties and Responsibilities:

- Provides technical assistance during assembly, installation, and service support.
- Responsible for communicating all engineering modifications and corrective action for documentation.
- Assists in diagnosis of machine problems including fluids, pneumatics and mechanical systems.
- Reviews and verify accuracy of control drawings before final release to customer.
- Communicates regularly with the appropriate manager regarding schedule and machine status.
- Assists in training new employees for specific job knowledge in all areas.
- Identify and support continuous improvements of our operations and products.
- International and domestic travel is required.

Approval Signatures: _____
Manager of Mfg. – Ingersoll Production Systems

_____ Date

_____ Human Resources

_____ Date

The above description covers the most significant duties performed but does not exclude other occasional work assignments, requirements, or working procedures inherent in this job.