



An ISO 9000 Company

## Job Description Electrical Engineering Technologist

**Reports to:** Engineering Manager

**Job Purpose:** To provide technical support in the planning, design, construction, commissioning and maintenance of electrical equipment and control systems for a converting type industry. This includes process equipment such as unwinders/rewinders, coaters, dryers, web guiding systems, tension control systems and extrusion.

### Responsibilities:

- Design and document electrical schematics, wiring diagrams and maintain such information for future builds
- Preparations of specifications for purchase
- Coordinate, supervise and lead installation by maintenance staff and contractors
- Commission and test various control systems
- Diagnosis and troubleshooting of PLC/relay logic based systems
- Troubleshooting production and quality issues pertaining to automated equipment
- Develop documentation to support maintenance function
- Maintain engineering documentation
- Provide training to maintenance personnel
- Responsible to observe all of Morbern's occupational health and safety rules. This ensures your personal safety and the safety of others and also assists Morbern promote safety at work for all employees
- Other duties as assigned

### Qualifications

- Graduation from an Electrical Engineering Technologist Program
- Electrical Technologist Certificate.
- Considerable experience in the application of the principles and practices of electrical system design, as applied to safety, instrumentation, process control, PLC and power distribution.
- Considerable experience in design, interpreting, updating, and cataloguing of engineering drawings, equipment layouts/schematics, specifications
- Strong understanding of the Ontario Electrical Code
- Experience in advance programming of Programmable Logic Controllers (PLC – Allen Bradley)
- Experience in programming Human Machine Interface (HMI – Factory Talk)
- Knowledge of computer networking related to industrial controls
- Experience utilizing a variety of computer software programs such as AutoCAD, MS Word, Excel, PowerPoint, Access etc.
- Strong electrical technical skill set
- Strong problem solving skills and an aptitude for learning systems quickly



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- Strong ability to work and communicate effectively with team and peers within a manufacturing and engineering organization. This includes excellent communication skills: written, verbal, and email.
- Familiar with electrical/electronic testing equipment and diagnosis (scope, multi-meter, power supplies, etc.)

#### **Work Environment**

- A combination of office and shop environments. Manufacturing environment with 24/7 schedule
- Availability for occasional off-hours calls
- Job Type: Full-time Day shift (7:00am - 3:30pm, 5 x 8hr days)

Interested candidates should apply to [recruiting@morbern.com](mailto:recruiting@morbern.com).

We thank all of the applicants for their interest, however only successful applicants moving forward through the recruitment process will be contacted. Should you required any accommodation throughout the recruitment process, please inform the recruiter.