

# Electrical Engineer

## Job purpose

Reporting to the Manager of Maintenance, the Electrical Engineer is responsible for evaluating current processes, recommending, and implementing process changes and supporting our continuous improvement and lean manufacturing efforts.

## Duties and responsibilities

- Evaluates electrical systems and equipment and troubleshoot machines along with our maintenance technicians.
- Confirms system's and component's capabilities by designing testing methods to improve the equipment reliability and reduce equipment downtime.
- Applies technical knowledge to innovate, design and develop equipment processes and automation.
- Assesses process capabilities, identifies improvements opportunities and integrates new processes and equipment to maximize manufacturing.
- Prepare product reports by collecting, analyzing, and summarizing information and trends
- Responsible for modifying and upgrading current systems and machinery
- Design control systems for industrial machinery
- Troubleshoot and repair robots and PLCs
- Provide engineering information by answering questions and requests
- Perform other duties as assigned
- Demonstrate the ability to take projects from inception to completion
- Individual will be working closely with Maintenance staff for technical and hands-on support
- Completes projects by training and guiding technicians
- Proactively addresses and corrects all unsafe behaviors and conditions

## Qualifications

- Bachelor's or master's degree in Electrical Engineering
- Engineering and Electrical certifications and licenses
- 1-5 years of Electrical Engineering experience
- Must have robot and PLC experience
- Should be an aggressive, self-starter with good trouble shooting skills in machine automation control. Must be a team player and easy to work with.
- Strong verbal and written communication skills required

## Working conditions

- Requires working in open office with frequent visits to shop floor.

## Direct reports

- None