**Electrical Engineer**

The Electrical Engineer will work with maintenance and production personnel and provide technical support as required in a 24/7 production environment.

**Primary Responsibilities:**

* Troubleshoot/repair of electrical circuits and devices such as PLCs, HMIs, AC/DC variable speed motor and drives, encoders, motors, temperature controls and other electronic controls and devices.
* Maintain all PLC, VFD, and HMI programs and necessary backups for facility equipment.
* Maintain plant wiring diagrams.
* Supervise and assist Maintenance personnel on control system installation, troubleshooting and compliance with NEC and OSHA standards.
* Prepare bid packages for equipment installations and modifications as required for plant improvement projects.
* Budget and manage capital improvement projects as assigned from bidding to successful implementation and personnel training.
* Assist with maintaining plant preventative maintenance program.
* Requisition replacement electrical components for the facility’s equipment.
* Ability to program Allen Bradley PLC’s, several types of VFD’s and temperature controllers.
* Assist with the training of maintenance personnel on troubleshooting, programming of VFD’s, and controllers.
* Advise on new technologies for plant improvements.
* Perform other non-electrical engineering tasks as required for various plant improvement projects.
* Maintain and oversee plant electrical supply and disconnects.
* Maintain plant electrical consumption and manage electrical supply and transportation contracts.
* Ability to be on call for off shift and production support needs.
* May be required to temporarily work 2nd and/or 3rd shift for maintenance or production support.
* Other tasks as assigned.

**Qualifications** **Education and Qualifications:**

* Bachelor’s Degree in Electrical Engineering
* 3 years of experience in an electrical engineering role working with controls, electrical design and troubleshooting, preferably in a manufacturing environment.

EEO Notice We are an Equal Opportunity Employer committed to a diverse workforce.