

Master Electrician



POSITION SUMMARY

This position is a highly skilled Master Electrician with very strong programming and PLC knowledge and skills. The position requires leadership skills to maintain a strong team of electricians.

ESSENTIAL FUNCTIONS

Interpret electrical control panel drawings; have the ability to design and layout control panels from conception

Ability to update electrical schematics to reflect finished product

Communicate with CAD drafter to facilitate drawing updates

Ability to select electrical and mechanical components as per specifications and or NEC requirements for control panels

Select enclosure types and sizes as needed per specifications or NEC requirements

Ability to fabricate control panels including design, layout, install components, wire and test the finished product

Size fusing or circuit breakers for control and power circuits within a control panel to provided specifications and/or NEC code standards

Ability to wire, test, and troubleshoot control panels integrated with PLC's, HMI's, Variable Frequency Drives, and other Solid State control devices manufactured by manufacturers such as Rockwell Automation, Square D/Schneider, Danfoss, Omron, etc. Install finished control panel at project site

Commission and test control panel to specifications and document as required

Ability to interpret control-wiring schemes within an Industrial plant environment

Replace, install, and relocate control circuits and components within an active industrial food-processing environment

Troubleshoot control circuits and components within a live Industrial operational environment

Understand and observe Safety practices and procedures for various types of Industrial manufacturing process environments

Electrician will also maintain/oversee the following functions that are required from the Electrical team:

Check iMaint work orders system daily for PMs and non PMs work orders and add work orders for work previously completed that needs to be documented on equipment that needs records kept

Follow Company safety policies to safely perform maintenance such as lock out tag out (LOTO), personal protective equipment (PPE), Confined Space, etc.

Keep workspace clean and organized

Assemble, install, test, and maintain electrical or electronic wiring, equipment, appliances, apparatus, and fixtures, using hand tools and power tools

Diagnose malfunctioning systems, apparatus, and components, using test equipment and hand tools, to locate the cause of a breakdown and correct the problem

Connect wires to circuit breakers, transformers, or other components

Inspect electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair, and to ensure compliance with codes

Advise management on whether continued operation of equipment could be hazardous

Test electrical systems and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices such as ohmmeters, voltmeters, and oscilloscopes, to ensure compatibility and safety of system

Other duties as assigned; regular and punctual employee presence is required for this job

Maintain and service metal detectors

Commit to enhance the reputation of our products and maintain consumer confidence in our products through the development and implementation of written safety, legal, and quality food safety systems, programs and practices

Education High school diploma or GED preferred, not required
Master Electrician License

