

We are seeking an Electro/Mechanic to join our team in Whittier, CA.

**Responsibilities include:**

Maintain, service, troubleshoot, repair, rebuild, and calibrate plant electrical and mechanical equipment and systems. Works under the general direction and supervision of the Maintenance Manager or Operations Manager. In addition to all tools and equipment, must also use meters, scopes, CRT Test Equipment, various computers, PLC hardware, and software programs.

Obtain work assignments and maintenance schedules from the Maintenance Manager or Operations Manager.

Regularly inspect and record condition on all electrical equipment including motors, generators, control panels, systems, switches, lighting, circuits and circuit breakers; cleans, maintains, adjusts and lubricates equipment, taking all safety precautions.

Uses electrical test equipment, drawings, electrical blueprints, wiring and PLC schematic diagrams, to install new equipment and diagnose problems with inoperative equipment; modifies and improves existing equipment; determines whether or not temporary continuation of operation will have any harmful effect on equipment; advises Operations Manager when immediate shut down of equipment is necessary to minimize damage; determines methods to minimize interruption of production.

Perform temporary or permanent repairs; correct defective circuits by determining cause of failure and replacing circuit components; repairs motors, cranes, generators and other equipment; performs mechanical repairs as required.

Monitor, inspect and calibrate computer relay systems, analyzes and make repairs on same.

Work with repair crews on emergency breakdowns; may erect scaffolds and perform simple rigging as required; operate machine tools such as drill press, power saw and portable drill and grinder.

Responsible for housekeeping in shop area and work sites.

Actively participate in quality improvement process.

**Requirements:**

Four Year Technical College degree or equivalent education and experience.

Must be familiar with solid state control system.

Minimum of 5+ years of experience working with PLC's and HMI programming.

Must be knowledgeable of test equipment used for trouble-shooting systems.

Must have own tools.

Must be able to read electrical schematics, PLC programs, and act on them.

Must have thorough knowledge of AC/DC equipment, motors, generators, control panels, switches, lighting circuit breakers, and relay systems, variable speed drives and programmable controllers.

Must have thorough knowledge of PLC networking with Automax (Reliance) system, Allen Bradley Processors using RSLogix 500 and 5000 software with linkages between systems.

Must have the ability to troubleshoot, modify, and or re-write ladder logic programs within processors using RSLogix software.

Must have the knowledge and ability to troubleshoot, repair or replace portions of, or entirety of, specialized electromechanical systems in hydro, hydraulic, or pneumatic equipment.

Must be familiar with all applicable codes and proper installation methods.