

Position Title: Electrical Engineer

Reports To: General Manager, ICE, Inc.

Position Overview

Completes the activities associated with Controls Engineering, System Integration, and Quality Control administration of the business including: Engineering, Design, Programming, and Implementation of ISO Standards.

Essential Responsibilities

Develops applications of controls, instruments, and systems for new commercial and industrial machinery.

Uses computer assisted design/drafting equipment and software to develop designs.

Proficient in PLC Programming of automated machines for various equipment such as Allen Bradley, Modicon, Siemens, GE Fanuc, etc. Capable of programming robot controls for GE Fanuc, ABB, Mitsubishi, etc.

Reviews industrial controls design for compliance with applicable national codes, national specifications, engineering principles, company standards, and customer contract requirements and related specifications.

Assures Compliance to ISO Standards and ICE Procedures for Quality and Customer satisfaction in Design, Build, and Handling.

Directs and coordinates all operation, maintenance, and repair of industrial controls and systems in field installations.

Coordinates activities concerned with new technical developments, troubleshooting, debugging programs, scheduling, and resolving engineering design and test problems.

Responsible for all Corrective Action Plans and Continuous Improvement Plans for individual respective jobs.

Represents the company with customers; communicates with customers regarding controls; troubleshoots problems and resolves issues regarding controls with the customer.

Educational and Professional Development

Bachelor's Degree in Electrical Engineering is required.

Qualifications

The successful candidate will be skilled in both verbal and written communication skills; able to build effective working relationships with superiors, colleagues, and individuals inside and outside of the company; and able to analyze data and form recommendations or make decisions.

The successful candidate must be able to read and interpret electrical documents, write routine reports and correspondence.

The successful candidate must be able to implement new processes and document those processes, as well as implement the Company's ISO Quality Control Process and UL 508A Standards.

The successful candidate must be able to speak effectively with groups of customers, other technical groups of individuals and other employees in the organization.

Work Environment

The individual's primary work location consists of an office environment. Some travel to customer sites may be required.