



2012

POSITION DESCRIPTION

POSITION TITLE:	Control System Engineer
REPORTS TO:	Senior Lead Application Specialist
BUSINESS:	NOREC Automation
LOCATION:	Solon, Ohio

SUMMARY OF POSITION:

Performs a variety of control system engineering & design tasks in support of NOREC Automation's process and machine control system integration projects for local and global customers in diverse industries.

ESSENTIAL JOB FUNCTIONS:

1. Develops control system architecture and selects control hardware.
2. Provides technical direction to AutoCAD Designers in order to develop control enclosure layout, power distribution and electrical schematic drawings, but also may occasionally develop and/or revise these drawings directly using AutoCAD.
3. Assists in the development of PLC programs for customer projects.
4. Assists in the development of HMI graphic displays, data tables, etc.
5. Assist in software and integrated system testing activities.
6. Assists in the development of written project documentation such as functional specifications, operator manuals and test specifications.
7. Participates in system commissioning activities at customer job sites.

QUALIFICATIONS:

Some experience with or exposure to most of the following through work experience and/or formal coursework:

- AutoCAD Electrical design
- PLC or DCS programming
- HMI programming
- Control Theory
- Technical writing

Interpersonal Skills:

- Strong work ethic with a desire to learn
- Willing to make and keep commitments; dependable
- Ability to work collaboratively in a team environment
- Entrepreneurial spirit
- Customer-first mentality
- Good written & verbal communication skills.

Educational Background:

- Bachelor of Science degree in Electrical Engineering, Chemical Engineering, Engineering Technology or similar degree

Travel Requirements:

- Travel to customer plant sites for commissioning is required for most positions (up to 25%).