



Job Title:	Controls Engineer	Reports to:	Los Angeles Business Unit Manager OR Sr. Controls Engineer/Project Engineering Manager
FLSA Status:	Exempt	Supervises:	N/A
Business Unit:	Los Angeles	Updated:	2014

Primary Purpose: This position is responsible for controls engineering project requirements involving control panel design, PLC programming, instrumentation, check out support and start-up assistance.

Major Responsibilities:

- Execute project engineering tasks under the direction of senior controls engineer(s) and management.
- Designs, develops, and implements control system (logic software and hardware) to meet machine and integrated system requirements.
- Develops control logic software and user interface applications.
- Develops schematics detailing control system configuration and wiring, and design equipment panel layouts on AutoCAD software.
- Will assist with initial start-up and debug integrated systems and the development of system documentation.
- Individual will be working on automation and control system integration projects for clients in industries such as food and beverage or semiconductor.
- General administration such as paperwork, copying, printing, faxing, and using a computer

Job Requirements:

- a) **Education** –BS in Electrical Engineering or Chemical Engineering is required.
- b) **Experience** – 1-3 years in below areas is preferred:
 - Control systems, components, ladder logic programming, SCADA programming and their applications (i.e. Cimplicity, Wonderware, Intellution.)
 - Experience with instrumentation and controls design as well as PLC (i.e. Rockwell Automation, Modicon, Siemens) and/or SCADA.
 - Experience with AutoCAD is also desired.
- c) Ability to travel up to 25%.

Physical Demands of Position:

Seeing, color perception, hearing, listening, clear speech, dexterity in hands, driving, lifting, climbing, ability to mount and dismount equipment, pushing, and pulling

Working Conditions:

Standard office environment, On-site office environment, and diverse industrial environments
Frequent PC usage, copy machines, phones.

**Job Descriptions are not exhaustive lists of all skills, responsibilities, or efforts associated with a job. They reflect principal job elements essential for performing the job and evaluating performance.*

EEO/Affirmative Action Employer