<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Controls Engineer</th>
<th>Reports to:</th>
<th>Los Angeles Business Unit Manager OR Sr. Controls Engineer/Project Engineering Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLSA Status:</td>
<td>Exempt</td>
<td>Supervises:</td>
<td>N/A</td>
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<td>Business Unit:</td>
<td>Los Angeles</td>
<td>Updated:</td>
<td>2014</td>
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</tbody>
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**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.*