



Job Description: Electrical Engineer

Alternative Titles: Electrical Engineer I, II, III,
Revised: March 15, 2010

Business Unit: Engineering
Employee Type: Exempt
Reports To: Electrical Engineering Manager

Purpose: Provide electrical design, technical analysis and /or resolution of engineering problems. Provide direction and coordination of electrical design for large industrial projects in Power, Refining, Petro-Chemical, and Manufacturing.

Work Schedule: 7:30 am – 5:30 pm Monday through Thursday and 8 am – 12:00 pm Friday (minimum).

Essential Skills (*may include but are not limited to the ability to*)

- Prepare electrical designs for large scale industrial projects
- Apply design knowledge in power distribution, grounding, lighting, control systems, and equipment specification and selection
- Analyze complex engineering problems and offer effective resolutions
- Interact with all engineering disciplines, construction project managers, and clients
- Work with electrical designers on large scale industrial projects
- Work within company policy as outlined in the Lauren Engineers & Constructors Employee Handbook and in compliment with the LEC Human Resources Policy Manual, LEC Safety Manual and OSHA Safety rules
- Perform other duties as assigned by the supervisor as needed

Essential Qualifications

- Must possess superior engineering skills
- Must have advanced knowledge of electrical engineering and design and be familiar with applicable codes, standards and acceptable industry practices
- Must be able to travel up to 10% of the time
- 5+ years of formal experience in heavy industrial or institutional electrical engineering design
- Bachelor or Master's degree in Electrical Engineering from an accredited engineering school.
- Licensed as a professional engineer, by exam, in state of residence with the ability to be licensed in multiple states.
- Experience with 480v motors, motor controls, and Motor Control Centers required.
- Strong verbal and written communication skills required with the ability to prepare written specifications and contract documents.

Physical Requirements

- Frequently lift objects weighing up to 25 pounds
- Climb stairs
- Sit for long periods of time
- Occasionally stoop, kneel or crouch
- Use hands and arms to reach for, grasp and manipulate objects

Tool/Personal Protective Equipment Requirements

- n/a

Environment: Work usually takes place in clean, pleasant, and comfortable office settings. Travel up to 10 % of the time is required.

Employee Review Acknowledgement

I acknowledge that I have read the Job Description and I understand what would be expected of me. The Company reserves the right to change or reassign job duties or to combine positions at any time. I also understand that I am an at-will employee, and this Job Description does not constitute a contract of employment.

Candidate/Employee Signature

Date