

## **Description**

The Staff Electrical Specialist will work on electrical design teams to create world class designs for new projects, alterations and redevelopments on a variety of projects including power, process, corporate, healthcare, pipeline airports, institutional, industrial, manufacturing, government and military facilities. The Staff Electrical Specialist will work with the project team throughout the design and construction process, adapting electrical plans according to budget constraints, design factors or client needs.

- + Perform electrical design of projects from the conceptual phase through design completion under the direction of a licensed professional engineer.
- + Modify and review production drawings for a variety of projects including, but not limited to: power plants, process facilities, industrial facilities, healthcare facilities, airports, educational institutions, commercial, and governmental and military facilities.
- + Design electrical components for project needs and requirements that are set forth by the project managers.
- + Applies strong knowledge of commonly used electrical engineering/design concepts, principles, practices, codes, and procedures within the electrical engineering services industry.
- + Research and compile project-related data as required by the project managers.
- + Update drawings provided by senior engineers to verify corrections are made within multiple CAD related software.
- + Compiles information for client presentations, shop drawing review, and contract administration for the design of power, process, pipeline, industrial, healthcare, airports, educational institutions, commercial, and governmental and military facilities.
- + Performs field inspections, measurements or calculations for public and private clients.
- + All other duties as assigned.

## **Qualifications**

- + Bachelor of Science Engineering Technology or related degree from an accredited program.
- + 8 years of electrical engineering experience, consulting preferred.
- + Strong knowledge in standard engineering techniques and procedures.
- + Excellent written and verbal communication skills.
- + Ability to work methodically and analytically in a quantitative problem-solving environment and demonstrated critical thinking skills.
- + Proficient in standard engineering techniques and procedures.
- + Strong computer skills (e.g. Microsoft Office Suite).
- + Strong in engineering design software skills including AutoCAD, BIM (Revit), 3D Rendering Programs, hydraulic analysis, and HVAC analysis programs.
- + Strong attention to detail, facilitation, team building, collaboration, organization and problem-

solving skills.

### **Compensation Range**

\$110,000 – \$170,000

The expected compensation range for this position is displayed in compliance with all local/state regulations. The expected compensation range for this position is based on a number of factors, including but not limited to: individual education, qualifications, prior work experience and work location. The total annual compensation package will consist of a base salary and eligibility to participate in our discretionary year-end incentive bonus program.

### **Benefits**

Our extensive benefits package takes care of you so that you can focus on doing great work. From insurance and disability to time off and wellness programs, we provide the tools to meet your needs. As part of being 100% employeeowned, eligible employees participate in our Employee Stock Ownership Plan (ESOP) in addition to our 401(k) retirement program. For more information, please visit the Benefits & Wellness page.

EEO/Minorities/Females/Disabled/Veterans

**Job** Electrical Engineering

**Primary Location** US-CT-Wallingford

**Other Locations** US-NJ-Morristown, US-OH-Akron, US-MA-Newton, US-ME-Portland, US-PA-Conshohocken

**Schedule:** Full-time

**Travel:** Yes, 15 % of the Time

**Req ID:** 221627 **Job Hire Type** Experienced

\#LI-JN #T&D