

# *Engineer, Electrical & Controls*

## **Summary of Your Job**

Algenol Biotech LLC is an innovative company and industry leader in developing commercial products from algae. As an Engineer in the Electrical & Controls department, you will be responsible for documenting and maintaining the industrial electrical distribution and control system infrastructure associated with Algenol's modern algae-extract production and processing plant, including all site support facilities. In addition, you will be responsible for designing new electrical and control systems for plant and facility expansions to meet the needs of this growing and cutting-edge industry. Systems that you will be working with span from 480 V distribution and motor control to 24 V instrument and control signals. This job will primarily rely on your electrical expertise, with the opportunity to learn and work with the latest versions of Allen-Bradley CompactLogix PLC systems and Rockwell FactoryTalk View SE applications.

## **Your Essential Duties and Responsibilities include the following:**

- Ensure a high standard of safety in all electrical applications
- Update and maintain documentation for the site electrical layout and control system panels
- Produce electrical drawings and single line diagrams for new and existing infrastructure
- Perform electrical and control system troubleshooting

- **Design new industrial electrical and control systems for plant and facility expansions**
- **Coordinate with contractors for major electrical infrastructure work**
- **Perform minor electrical infrastructure work and control panel fabrication**
- **Develop and manage contractor and vendor relationships**

## **Qualifications include the following:**

- **Bachelor's degree in Electrical Engineering, or equivalent field with strong electrical focus**
- **10+ years of experience in an industrial setting**
- **Experience designing and safely working with up to 480 V applications**
- **Detailed knowledge of the components and hardware in a distributed industrial electrical system**
- **Familiarity with Automatic Transfer Switches**
- **Familiarity with process automation in an industrial plant**
- **Knowledge of NEC standard**
- **Proficiency with electrical design software (SolidWorks Electrical strongly preferred)**
- **Ability to work independently in a fluid, fast-paced environment**
- **Ability to respect the confidential nature the work and use discretion at all times**

**Algenol is an equal opportunity employer**

**To apply: Please e-mail a PDF of your cover letter and curriculum vitae to:  
jobs@algenol.com reference “Engineer/Sr. Engineer” in the subject line.**