

Position Title	Electrical Engineer
Category	Engineering
Job#	2015010
Company	Biopharm Engineered Systems LLC.
Location	200 Bulfinch Drive Andover Ma 01810
Date Posted	6/24/15
Type	Full-time

BioPharm Engineered Systems (BPES) provides custom engineered process separation and fluid handling equipment for the biopharmaceutical industry. Our experienced teams of engineers and skilled craftsmen have repeatedly delivered “best in class” systems to the biopharmaceutical industry for over 25 years. Our design, engineering and management team is focused on creating custom solutions that meet the critical requirements of the biopharmaceutical industry and our clients.

SUMMARY:

We seek an experienced Electrical Engineer that will work closely with our operations teams on custom TFF, chromatography, and other related hardware systems. This candidate will be the lead electrical technical expert for these systems. This position will involve the technical evaluation of our customer’s specifications and translate into an electrical design that will meet BPES standard and customer’s expectations.

RESPONSIBILITIES:

Define, engineer, specify, plan, manage follow-up all activities, support manufacturing and qualification activities related to the electrical requirements of the project.

- Perform electrical studies of our filtration and chromatography systems.
- Specify components according to customer standards and specifications.
- Maintain control on costs and schedule for the electrical portion of the project by limiting expenses to those allowed by the proposal/scope of projects.
- Plan, organize and execute power up activities with staff electricians within our workshop.
- Interface well with customers & internal project team to effectively communicate customer’s needs to the organization and the company’s capabilities to the customer.
- From time to time support sales and visit customers in order to help define the specifications and the scope of work.
- Define the nature of a quote request, study the feasibility and execute a quote according to the current procedures. Define needs in terms of tools and resources to fulfill these quotation activities.
- Familiarity with European and US electrical codes and standards (UL, CE, Etc.)
- Actively seek and evaluate new tools or components that help maintain/ improve design efficiencies.
- Maintain strong communication by regular feedback to project team, manufacturing and customers.
- Ability to review and approve project documents related to the electrical part of a project.
- Adhere and apply the FDA, GMP, UL, CSA, CE regulations and NFPA guidelines.
- Ability to interface effectively with all functions involved with BPES internal product design development and manufacturing team.
- Up to 10% travel may be required

SKILLS and EDUCATION:

Minimum of a Bachelor's Degree in Electrical Engineering

Minimum 4 years Engineering experience

- Engineer with experience in capital equipment (Experience in a pharmaceutical industry would be ideal)
- Allen Bradley PLC, Delta V, Etc.
- Proficient in electrical design and development of electrical schematics in Auto-CAD.
- Ability to update knowledge of technologies that are available internal and external to BPES.
- Experience in a manufacturing environment. Experience within the biotechnology or pharmaceutical industry would be ideal
- Strong computer skills with MS office applications including Word, PowerPoint, Excel; Projects, SharePoint, and AutoCad

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