

Position Title	<b>Electrical Engineer</b>
Category	Engineering
Job#	2019021
Company	DFS
Location	Boise, ID
Date Posted	06/06/2019
Type	<b>Full Time</b>

**Critical Process Systems Group (CPS)** is a group of manufacturing and design companies providing innovative product solutions to the semiconductor, life science, chemical processing, gas systems, wastewater, mining, power generation and other industries. We provide a broad range of products & services including liquid, chemical, and gas storage, blending, and delivery control, pre-fabricated high purity process utility modules, corrosive fume exhaust duct, and airflow control devices. With the breadth of our product offerings and engineering capabilities we can offer broad turnkey solutions or targeted niche products depending on our customer's needs and desires.

This position is with our company **Diversified Fluid Solutions**, which manufactures a variety of chemical blending and distribution equipment, provides technical expertise, and delivers flawless support to meet a diverse array of high purity chemical applications.

#### **SUMMARY:**

Oversee and lead the controls design staff responsible for the design of high tech process equipment including chemical and gas fluid handling equipment. Responsibilities include oversight of custom and existing standard designs of products for fabrication utilizing controls engineering principles, process analysis, and electrical theory.

Provide specific direction to designers through direct supervision, coaching, training, and assistance in tasks as necessary. Set performance goals for the team and manage complex work schedules for production of system designs.

#### **RESPONSIBILITIES:**

- Define, engineer, specify, plan, manage follow-up all activities, support manufacturing and qualification activities related to the electrical requirements of the project.
- Familiarity with US and European electrical codes and standards (UL, CE, Etc.)
- Maintain compliance with UL certification
- Perform electrical studies of our systems and customer designs.
- Provides project leadership and leads a team during the design and construction of electrical panels and systems.
- Possesses a good understanding of existing electrical systems and development guidelines, and contributes toward product development.
- Specify components according to customer specifications and 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.
- Interface well with customers & internal project team to effectively communicate customer's needs to the organization and the company's capabilities to the customer.
- Support sales 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.

- Actively seek/evaluate new tools or components that help maintain/ improve design efficiencies.
- Maintain strong communication by regular feedback to project team, manufacturing and customers.
- Adhere and execute to project budgets.

#### **SKILLS:**

- Ability to review and approve project documents related to the electrical part of a project.
- Adhere and apply the UL, CSA, CE regulations and NFPA and SEMI guidelines.
- Software experience with a concentration in Ladder Logic PLC control and design a plus.
- Ability to interface effectively with internal product design development and manufacturing team.
- Proficient in electrical design and development of electrical schematics and panel layouts in AutoCAD and Solidworks. Solidworks Electrical or AutoCad Electrical a plus.
- Ability to update knowledge of technologies that are available internal and external to DFS.
- Experience in a manufacturing environment.
- Strong computer skills with MS office applications; Project.

**EDUCATION:** Engineering Degree, Technical Degree, Military Tech Training or equivalent, with 5+ years of industrial experience and minimum of 2 years of experience managing staff.

#### **BENEFITS:**

**Critical Process System Group** offers competitive compensation and a complete benefits package that includes medical (individual and family premiums shared between employer and employee), dental and vision coverage, HSA, Day Care reimbursement, matching 401(k), life insurance, disability, holiday and paid time off.

If you are looking for a future with a company known for its inventiveness and passion for progress, look no further..... **your career is right here!**

*Note: CPS and its group companies do not discriminate on the basis of race, age, religious creed, national origin, sex, marital status, veteran status and disability status, with regard to public assistance or any other protected classes.*