

**ASC Process Systems** is currently seeking a talented individual to fill the position of Controls/Software Engineer. **ASC** is the world leader in the manufacturing of custom process equipment and control systems and is the largest manufacturer of composite autoclaves in the United States. Please visit our website at [www.aschome.com](http://www.aschome.com).

### **Position Title**

Electrical Engineer

### **Summary**

Responsible for the design, development, and in-house testing of electrical systems for turnkey automated custom equipment.

### **Requirements**

- Bachelor's degree in Engineering (preferably in Electrical).
- 1-2 year experience as an Electrical Design Engineer in an industrial manufacturing setting.
- Strong interpersonal skills and experience maintaining strong client relationships.
- Good oral presentation and written communication skills.
- Strong knowledge of AutoCAD.
- Must be able to create, update, and read schematics (Electrical control and power drawings).
- Strong electrical trouble shooting skills.
- Project management skills
- Knowledge of power circuitry design (24V to 480Vac).
- Knowledge of MS Word, Excel and Project.
- U.S Citizenship or a Permanent resident.

### **Preferred Qualifications**

- Knowledge and familiarity with PLCs, VFDs, and SSRs.
- Strong knowledge on a variety of IO types and instrumentation (TCs, Pressure transducers).

### **Responsibilities**

- Design and upgrade electrical systems for custom automated process equipment.
- Work closely with other electrical and controls engineers during project lifecycle.
- Generate high quality design, approval, and fabrication level drawings using AutoCad.
- Create Bill of Material utilizing data base, and coordinate with purchasing department for procurement of materials for assigned projects.
- Generate and update project schedules and design documents for assigned projects using various software packages including MS Project, MS Word, MS Excel, and MS Access.
- Track multiple project schedules at the same time, adhere to milestones, and to contract specifications to assure adherence to customer and company mandates.
- Communicate effectively with customers via e-mail and telephone regarding product design and schedule.
- Evaluate existing products for possible design improvements, cost efficiency, and reliability.
- Calculate power loads for detailed capacity and FLA evaluations. In general, it'll be expected for incumbent to use general mathematical equations and algebraic calculations for design and validation purposes.
- Be a strong team player, and coordinate work closely with other departments (Mechanical, Quality, Safety, and Procurement) to ensure time and cost effective project delivery.
- Follow ASC's quality documentation forms during the design and production process.
- Follow ASC's safety standards and procedures in all aspects of the work environment.
- Other duties as assigned.

### **About Us**

ASC Process Systems is a world-leader in the manufacture of custom process equipment and control systems and is the largest manufacturer of composite autoclaves in the United States. Our international customer base includes all major aerospace companies including The Boeing Company, Lockheed Martin, Northrop Grumman, BAE, and many other Fortune 500 organizations. Our company has been in business for over 25 years, and continues to grow. Our manufacturing facility and offices are state-of-the-art and are located in Valencia, just a few miles north of Magic Mountain. Please visit our website at [www.aschome.com](http://www.aschome.com) to find out more details about our company, its history, products and services.

**ASC** offers a competitive salary, 401(k), and excellent benefits including medical, dental, and vision insurance as well as holiday and vacation pay. **ASC** provides a work environment that encourages growth and career satisfaction. Our friendly staff creates a great work environment which makes **ASC Process Systems** a great place to call home.