

Position:  
Controls Engineer

Location:  
Houston, TX

**Company Description:**

Bray International, Inc. is a leading global manufacturer of industrial valves, actuators, and related control products used by process industries in a wide variety of applications. This diverse market presence provides stability even under the toughest economic circumstances.

Bray prides itself on delivering products of the highest quality and value, with an ever-expanding product line that aims to satisfy our customers' unique needs. Since its founding in 1986, Bray has achieved tremendous success and growth. The company's truly entrepreneurial vision has driven an expansion to Divisions in over 13 countries and a distribution network that surpasses 300 locations worldwide.

Bray is profitable, independent, and privately-held. The total number of employees worldwide exceeds 1,500. Our corporate headquarters and U.S. operations are located in Houston, TX. To learn more, please visit [www.bray.com](http://www.bray.com).

**Position Description:**

Design and support of control instrumentation, schematic design, PCB layout, and control technologies. Individual will participate in new designs and design modifications of control products such as electric actuators, pneumatic positioners, valve status monitors, solenoid valves and other microcontroller based products.

**Duties:**

- Design, develop & expand electric valve actuators & electrical control accessories.
- Apply knowledge of electrical-mechanical drives & control circuitry to address customer product applications.
- Review customer specifications, electrical control schematic & wiring diagrams to allow the required equipment to be designed & manufactured.
- Create sketches or marked-up drawings to allow support staff to draw electrical diagrams.
- Supervise & approve the creation of bills of material & purchase data sheet for new & expanded product offerings.
- Assure product performance, quality & compliance to UL, CSA, ATEX & other industry standards.
- Prepare product reports by collecting, analyzing & summarizing information gathered from tests and analysis

- Work with & provide support to other engineering staff & company employees.
- Design and evaluate control systems for valve and actuators.

**Experience/Qualifications:**

- Permanent work authorization for the United States is required
- Bachelors in Electrical Engineering required
- Minimum 3 to 5 years of experience in research & development, technology, product, design, or application engineering
- Schematic design and PCB layout design required
- Strong electrical and electronic knowledge required
- Programming C, ladder logic preferred
- Orcad Capture and PCB Layout/Allegro preferred
- Experience with Allen Bradley PLC, RSLogix5000, Siemens PLC, Step7, WinCC, AutoCAD, CodeWarrior preferred
- Knowledge of laboratory and electrical measurement equipment
- Demonstrated teamwork, organization, and leadership skills required.
- Needs to be able to focus on quality, have fault tracing/ trouble shooting abilities.
- Knowledge of DeviceNet, Foundation Fieldbus, AS-i, PROFIBUS, Ethernet and wireless protocols a plus.

*Bray International, Inc. is an Equal Opportunity Employer. Employment is contingent upon successful completion of a background investigation. Bray is a drug free work environment. Pre-employment drug screening is required. No phone calls please.*