

Position:
Actuator Mechanical 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.

Position Description:

Design products & auxiliary equipment for Bray's control equipment by developing, testing & providing support to manufacturing personnel & customers. These products will need to pass UL, CSA, ATEX & other third party approval agencies inspection & tests.

Duties:

- Design, develop & expand valve actuators, mounting arrangements, couplings & control accessories.
- Apply knowledge of mechanical drives & mechanism to address customer product applications.
- Review customer specifications to allow the required equipment to be designed & manufactured per customer's specification & all relevant engineering codes.
- Assist company personnel or customers trouble shoot product problems.
- Answer technical & procedural questions for Sales, Manufacturing & customers.
- Create sketches or marked-up drawings to allow support staff to draw mechanical parts, assemblies & exploded view drawings.
- Supervise & approve the creation of bills of material & purchase data sheet for new & expanded product offerings.
- Calculate & document mechanical performance data for various applications of Bray products.
- Evaluate mechanical products & systems by design & conducting research programs.
- Assure product performance, quality & compliance to industry standards.
- Design products which will pass UL, CSA, ATEX & other third party approval agencies inspection & tests.
- Prepare product reports by collecting, analyzing & summarizing information gathered from tests, Q.A. dimensional reports, Production Dept & users.
- Work with & provide support to other engineering staff & company employees.

Ideal Experience/Qualifications:

- Permanent work authorization for the USA REQUIRED
- Bachelors in Mechanical Engineering or Mechanical Engineering Technology required.
- Must be a team player with good verbal & written communication skills.
- Needs to have design skills, understand electro-mechanical mechanisms and be proficient with CAD software
- Needs to be able to focus on quality, have fault tracing/ trouble shooting abilities,
- Needs to have knowledge of equipment maintenance & experience with housing enclosure designs for outdoor & hazardous areas.
- Knowledge of sand casting, die casting, fabrications, machining & injection molding is a plus.
- Familiar with ANSI, ASME, ISO & NEMA standards.
- Multi tasking, analytical & a creative problem solver.