

Job Posting

About us:

Governors America Corp. (GAC) is a leading provider of engine governing and system controls to a worldwide list of equipment manufacturers and power providers. From isochronous governors and fuel controls to sophisticated multi-engine load sharing/power control systems, GAC has innovative solutions to meet and exceed all of your needs. GAC also provides practical solutions for custom applications with complete design, development, production and marketing capabilities. Manufactured in the USA, GAC products are sold and supported by GAC's established worldwide network of representatives and distributors.

Summary:

Governors America Corporation (GAC), is seeking a detail oriented, organized, dependable Electronics Engineer to join our organization in Agawam, MA. The ideal candidate will research, design, develop, and test electronic components, equipment and systems in conjunction with mechanical, and software product development, by performing the following duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Develops and analyzes electronic hardware requirements to determine feasibility of design within time and cost constraints.
- Consults with product engineering and marketing staff to evaluate interface between electronic hardware, software and mechanical components, and operational and performance requirements of system.
- Formulates, documents, and designs electronic assemblies, using scientific analysis, mathematical models, and benchmarking, to predict and measure outcome and consequences of design.
- Designs and directs engineering personnel in fabrication of test equipment and determines methods, procedures for testing assemblies.
- Creates and presents technical material and reports summarizing design activities and capabilities.
- Develops hardware installation procedures.
- Performs activities to ensure that manufacturing, installation, and operational testing conform to functional specification and customer requirements.

- Uses computer assisted engineering and design software and equipment to perform engineering tasks.
- Provides technical documentation to relevant departments to support the development of customer documents (i.e., User manuals, application notes, release notes).
- Coordinates with customer and other departments to support electronics problem resolution and documents the results. On-site support is necessary in certain cases.
- Assists in defining corporate engineering standards.
- Evaluates and selects electronic hardware test tools.
- Performs any or all of the design, development, testing, and documentation tasks required from product conception to product obsolescence.
- Continues to evaluate the industry that the corporation serves to properly identify what is required from customers and the industry.
- Supports all electronic hardware development activities as related to agency certifications.
- Familiarizes and uses equipment required by electronic assemblies to properly follow the corporate engineering standards.
- Responsible for completing tasks on-time with minimal supervision. Status updates are required periodically and must be readily available when needed.
- Prepares/coordinates and maintains product, drawings, part lists, bill of materials, and schematics.
- Selects and qualifies electronic components.
- Coordinates building and testing of prototype assemblies.
- Performs design verification and validation.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

- Minimum BS in Electrical/Electronics Engineering from an accredited college or university.
- 3 or more years experience in industrial control design and development.
- Experience with communications standards (e.g., CAN, RS232).
- PC experience with text editors, word processing, and spreadsheets.
- Experience designing PC board using Altium and Concord Pro highly desirable.