

# HOPEWELL DESIGNS, INC.

5940 Gateway Drive, Alpharetta, GA 30004

## Mechanical Engineer

Hopewell Designs, Inc. seeks a mechanical engineer to work in the design, integration, and service of its state-of-the-art irradiator equipment and shielding products. We are one of the foremost companies in the world supplying calibration irradiators for radiation instrumentation. We are a small company but expanding and require a self-motivated, dynamic, and resourceful engineer to help us grow.

Our customers include Department of Energy laboratories, the National Institute of Standards and Technology, nuclear power plants, university research laboratories, private industries, and international calibration facilities.

We are seeking an experienced mechanical engineer who will help design, integrate, install, and service our automated calibration systems. Essential skills and experience in multiple areas include: mechanical design, automated equipment integration, and field service. Experience in the nuclear industry, especially in the area of health physics, is a plus. We are looking for an individual who enjoys both the managing of complex projects as well as the hands-on work of designing and putting systems together. Some national and international travel will be required.

### ***Duties include:***

- Design of automated electro-mechanical systems.
- Production of detailed mechanical drawings for fabrication.
- Project management of multiple projects through design, fabrication, testing, and installation.
- Oversight of fabrication and participation in system assembly / integration.
- Travel for on-site installation and service.
- Technical writing of system manuals, project procedures, and technical specifications.
- Coordination and communication with customers.

### ***Desired Skills and Technical Experience:***

- Bachelor's Degree in Mechanical Engineering or Mechanical Engineering Technology.
- 3-5 years experience in industrial automation, machine design, or equivalent.
- Strong knowledge of machine design; drive systems, linear positioning systems, and pneumatics.
- CAD experience and proficiency a MUST. (preferably with Autodesk Inventor)
- Excellent ability to communicate with customers, vendors, and staff.
- Technical writing.
- Quality assurance programs.
- Previous work in the nuclear industry in the areas of health physics, instrument calibration, radiation shielding a plus.
- Must be able to communicate extremely well in English, both verbal and written.

## ***Background on Hopewell Designs, Inc.***

Founded in 1994, Hopewell Designs is the national leader in manufacturing Automated Irradiator Calibration Equipment and supplies quality equipment world-wide for the nuclear industry. We also manufacture a broad range of Shielding and Storage products for the nuclear power, oil well logging, and medical industries. To learn more about Hopewell Designs, please visit [www.hopewelldesigns.com](http://www.hopewelldesigns.com). We have a great work environment where innovation and creativity are rewarded – where hard work leads to growth and responsibility. If you are looking for a great place to work where you will be challenged to be your best, send us your resume.

Qualified applicants: forward your resume with salary history by email to [careers@hopewelldesigns.com](mailto:careers@hopewelldesigns.com).

**NO PHONE CALLS! NO RECRUITERS!**

Company:	Hopewell Designs, Inc.	Location:	Alpharetta, GA 30004
Salary/Wage:	Based on Experience	Status:	Full Time, Employee
Job Category:	Mechanical Engineer	Relevant Work Experience:	3-5 Years
Career Level:	Intermediate	Education Level:	Bachelor's Degree Mechanical Engineering or Mechanical Engineering Technology