



## **Service Engineer, Radiological**

Hopewell Designs, Inc. seeks a service engineer to work in the installation, 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 irradiators for calibrating instrumentation for radiation protection and research. We are a small company but expanding and require a self-motivated, dynamic, and resourceful service engineer to help us grow.

Previous experience in the nuclear industry and experience working with radioactive sealed sources and/or radiation producing devices is preferred. This position supports the service team and the radiation protection program.

### ***Responsibilities:***

- Installation and maintenance of radiation devices.
- Assists with the integration and testing of new devices.
- Assembles mechanical and electrical components.
- Performs work with radioactive sealed sources and x-ray systems.
- Follows procedures for the safe handling of radioactive sources and x-ray devices.
- Performs characterization of radiation reference fields (gamma, beta, neutron, and x-ray) and prepares technical reports.
- Reads, interprets, and analyzes radiation calibration data.
- Technical writing of system manuals, procedures, and reports.
- Training of customers on the safe use of the irradiator and ancillary equipment.
- Monitors and evaluates radiological conditions.
- Provides support to the radiation protection program, as required.
- Provides support to the quality assurance program, as required.
- Domestic and international travel is required. Must be willing to travel based on the needs of the business.

### ***Qualifications:***

- Associates Degree in nuclear science, nuclear technology, or related field in natural sciences or engineering (Bachelor preferred) or equivalent experience in the nuclear field or health physics.
- 3-5 years experience in the nuclear industry performing health physics related work such as radiation surveys, instrument calibrations, and radiation shielding calculations.
- Technical knowledge of radiation protection, understands units of exposure, dose, and activity.
- Experience working with radiation detection instruments and / or dosimetry.
- Experience with shipping and receiving radioactive material is a plus.
- Must have effective written and verbal communication skills.
- Intermediate computer skills: MS Office, spreadsheets, data analytics, and presentations.
- Previous experience working with sealed sources and/or radiation generating devices (irradiators, x-ray systems, linear accelerators), is a plus.
- Previous experience in shipping and receiving radioactive materials is desirable.
- Strong hands-on skills and mechanical aptitude.
- Exceptional customer service skills.

**Physical Demands and Work Environment:**

- Job operates mostly in laboratory environments at customer sites and integration and shop areas in our Alpharetta, GA facility.
- Potential exposure to physical, chemical, and radiological hazards.
- May work in environments where elevated levels of radiation are present and work near devices that contain radioactive materials or produce radiation when energized.
- Use of personal protective equipment may be required including, but not limited to, radiation dosimetry, safety glasses, hard hat, hard toed shoes, and rubber gloves.
- Light to medium level work.

**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.

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

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 and 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: Service Engineer (radiological)	Relevant Work Experience: 3-5 Years
Career Level: Intermediate	Education Level: Bachelor's Degree or Associates Degree with experience