

Welder/Fabricator/Fitter

Hopewell Designs, Inc – Alpharetta, GA

Hopewell Designs, Inc. is actively seeking an experienced Welder/Fabricator/Fitter. This role will be an intricate part of HDI's fabrication operations. We need an experienced, self-motivated, and quality-minded Welder/Fabricator to help us grow.

Hopewell Designs is an International leader in design, engineering, manufacture, integration, installation, training, calibration, and service of a variety of irradiators for radiation instrumentation calibration, as well as industrial irradiation applications. We are a small company, but rapidly expanding and require a dependable, skilled, dedicated, and resourceful team-player, to help HDI continue to be an innovative industry leader.

Essential skills and experience include:

- TIG, MIG, and stick welding
- Strong fitter & fabrication capabilities
- Proficient working with complex Mechanical Drawings & Design Packages
- Expertise in 'job shop' environment processes and procedures
- Quality Assurance program training and experience
- OSHA-level Workplace Safety training and experience
- Ability and desire to learn other skills and/or trades

NOTE: Experience in the *nuclear industry*, especially in the area of *health physics*, is a plus.

Duties include:

- Read, interpret, and follow design package, Bills of Material (BOM), and technical specifications
- Analyze engineering drawings and specifications to plan layout, assembly, and welding operations
- Determine required equipment and welding method, applying knowledge of metallurgy, geometry, and welding techniques
- Use of Oxy-fuel torches and use of bandsaws, as well as other metal cutting tools and machinery
- Test welded surfaces using appropriate methods, to evaluate weld quality, dimensional tolerances, and conformance to specifications
- Tack-weld and weld components and assemblies, using electric, gas, arc, or other welding equipment (TIG, MIG, and Stick)
- Install, fabricate or repair equipment per approved procedures and drawings
- Remove rough areas with a portable grinder, hand file, or scraper
- Weld components in flat, vertical, or overhead positions, as required
- Develop templates and other work aids to hold and align parts, as required
- Maintain records per QA requirements (assembly routers, quality, dimensional checks, testing, etc.)
- Properly store, maintain, and secure assets (inventory, tools, consumables, etc.)
- Daily shop clean up

- Highly skilled in organization, planning, and constructive communication
- Meet or exceed project budgets, with regards to planned hours & budgeted material costs, by working to minimize rework, scrap, and non-conformances
- Maintain the high quality standards that are expected of HDI

Position Requirements:

- Experience as a welder/fabricator, especially in job-shop manufacturing operations, in which projects are made-to-order or custom systems
- Welding Certifications are plus
- Working with sheet metal, structural frameworks, and/or weldment enclosures
- Must be able to apply knowledge of geometry, physical properties of metal machining weld shrinkage, and welding techniques
- Proficient ability to read and work from mechanical drawings (will be tested)
- Ability to use measuring instruments (including torque wrenches, calipers, squares, gauges, and measuring tapes) to ensure components/systems are within required specification tolerances
- Working knowledge of OSHA Safety procedures and processes
- Excellent verbal, and interpersonal skills required to communicate effectively with other employees and management
- Must be able to pass background check and drug screening

Background on Hopewell Designs, Inc.

Founded in 1994, Hopewell Designs, Inc. is an International leader in the design and manufacture of automated calibration equipment, having earned a world-wide reputation of supplying the highest quality equipment for the nuclear industry. Also, HDI manufactures a broad range of radiation shielding and storage products, for the nuclear power, radiation source, and medical industries.

To learn more about Hopewell Designs, please visit www.hopewelldesigns.com. We have a great work environment, where innovation and creativity are welcomed and rewarded – where hard work and personal initiative can lead to professional growth, increased responsibility, and more opportunity. If you are looking for a great place to work where you will be challenged to be your best, send us your resume.

Qualified candidates are welcome to forward your resume, with salary history & expectations, by email to Careers@HopewellDesigns.com (MS Word format)