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www.thermionics.com

SST TIG WELDER JOB DESCRIPTION

ESSENTIAL RESPONSIBILITIES:

Produces weldment parts by interpreting engineering documents and drawings, setting up tooling and fixturing, and operating a manual TIG welding machine; maintaining quality and safety standards; keeping records; maintaining equipment and supplies.

JOB DUTIES:

- Read and interpret blueprints and/or engineering drawings to determine the specific welding requirements;
- TIG weld steel, aluminum and stainless steel components based on the specifications of the blueprints and/or drawings;
- Follow, create and help maintain Welding Procedure Specifications;
- Create and set up welding fixturing for serial production runs and one-off custom weldments;
- Ensure work is done safely and meets internal and customer quality standards;
- Keep work areas clean and organized and take proper care of all equipment and facilities;
- Follow all company rules and policies;
- Provide superior attention to detail and focus on the given task;
- Follow all safety rules and quality standards;
- Work with team members to maximize productivity and efficiency;
- Prepare product for shipment;
- Lift raw materials, final products, and items packed for shipment, manually (up to 60 pounds), or using a hoist;
- Uphold all ISO and OSHA standards applicable to the responsibilities above.

KNOWLEDGE, SKILLS AND ABILITIES:

- MUST HAVE PRIOR WELDING EXPERIENCE!
- English language skills –both spoken and written;
- Ability to lift heavy items up to 60 pounds consistently required;
- Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods;
- Ability to identify and measure material;
- Ability to produce quality products consistently;
- Ability to follow instructions given both verbally and in written form;
- Willingness to learn and work to the best of his/her abilities as well as demonstrate a dependable work ethic;
- Knowledge of machines and tools, including their designs and uses;
- Knowledge of shop math and the triangle;

PREFERENCE GIVEN TO CANDIDATES WITH:

- High vacuum (UHV) fabrication experience;
- Recognized welding certifications;
- High level of analytical ability;
- High level of problem-solving skills;
- High level of team working skills;
- Experience with precision measuring equipment;
- Experience with reading and following instructions from CAD drawings;
- Welding, brazing or soldering experience is a plus;

EDUCATION AND EXPERIENCE:

- High school diploma, GED or completed or pursuing a degree or certificate course in related field

POSITION REQUIREMENTS: Company Values

Thermionics Northwest believes we are all suppliers and customers of someone in our organization. Our employees must demonstrate this customer-centric belief - which means that you are value-adding, reliable, performance-driven, innovative, service-minded, and agile – in all their business activities.

We expect that our company values of open-mindedness, trust, communication, thinking strategically/being creative, being courageous, accountable, and humble, ethical sensitivity/compliance, resilience/facing diversity, and fostering a culture of empowerment, engagement, and collaboration will drive the actions of our employees.