Plant Welding Engineer

Link to Posting: [https://invent.ge/3uj548o](https://invent.ge/3uj548o)

GE Gas Turbines
Greenville, SC

Role Summary/Purpose
In this role of Plant Welding Process Engineer you will demonstrate leadership in communicating business goals, programs, and processes for all joining (welding and brazing) operations for the factory. In this role you will utilize your experience or expertise to manage the plant welding program, solve problems, develop and execute objectives for self and others, and have the ability to effect short-term and some long-term business goals.

Essential Responsibilities
- Support Environmental Health & Safety (EHS) projects
- Develop and maintain welding and fabrication processes, documentation, and certification/training for factory
- Develop and enforce Weld Procedure Specifications (WPS) for new processes
- Support Root Cause Analyses for joining-related defects
- Support equipment upgrades from purchase through installation
- Conduct cost / benefit analysis for changes to processes and/or equipment
- Drive process Improvement, cycle reduction, and productivity improvements via process changes or improvements
- Identify and reduce product quality issues caused by process variation
- Support the quality function through integration of International Organization for Standardization (ISO) / Quality Center (QC) documentation and Joining Process Instructions
- Lead New Technology Initiatives (NTI) and share best practices with other locations
- Serve as a technical process expert for complex welding & joining processes across multiple products using a hands-on approach to resolve problems
- Provide technical guidance and mentoring for welding engineers throughout the manufacturing plant
- Manage performance of the direct reports to achieve organizational goals and encourage an atmosphere of engagement and encourages learning/self-growth. Initiates employee reviews, employee-counseling, and can carry out all Corporate Policy initiatives.
- Develops constructive cross-functional partnerships with all internal customers as well as suppliers to drive strong communication between groups for effective operations.
- Mastery over quality control & problem-solving techniques for welded and fabricated components, knowledge of key failure modes for all joining processes, problem diagnosis and resolution, understands and manages standards and tolerances for each process
- Maintain corresponding Welding Engineering Project budget.
- Other Duties as assigned
Qualifications / Requirements

- Bachelor’s Degree from an accredited university or college in engineering (OR a High School Diploma / GED from an accredited school or institution and minimum of 4 years of welding engineering experience with a Certified Welding Inspector Certificate)
- Minimum of 2 years of experience in welding process development

Desired Characteristics

- Bachelor’s Degree from an accredited university or college in Welding Engineering
- AWS Certified Welding Inspector Certificate
- Knowledge and understanding of applicable ASME & PED code requirements
- Ability to read engineering drawings and specifications
- Prior manufacturing process improvement accomplishments
- Ability to manage priorities and achieve results
- Prior exposure to and knowledge of Lean Manufacturing
- Strong Project Management skills
- Strong welding process knowledge
- Strong oral and written communication skills
- Strong interpersonal and leadership skills
- Six Sigma training or equivalent Quality Training

This role is restricted to U.S. persons (i.e., U.S. citizens, permanent residents, and other protected individuals under the Immigration and Naturalization Act, 8 U.S.C. 1324b(a)(3)) due to access to export-controlled technology. GE will require proof of status prior to employment.

Additional Information

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As a federal government contractor, GE may in the future be required to have U.S. employees fully vaccinated against COVID-19. Some GE customers currently have vaccination mandates that may apply to GE employees.

Relocation Assistance Provided: No
Inclusion & Diversity
We are passionate about creating an inclusive work environment. By valuing the ideas and contributions of a diverse workforce we help inspire others to grow, succeed, and raise the bar for everyone. Join us at GE Gas Power, where results can be achieved by embracing a community of belonging.

About GE Gas Power
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About Us
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