

## **Welding Engineer**

The Welding Engineer will be responsible for driving innovation and ensuring excellence in welding processes, creating comprehensive work instructions, driving process improvements, designing and implementing welding fixtures, and ensuring quality standards are met throughout the welding processes. This role requires a blend of technical expertise, innovation, and hands-on experience to enhance productivity and ensure the highest quality in welding operations working closely with cross-functional teams to achieve operational excellence.

### **As a Welding Engineer you will:**

- **Work Instructions Development:**
  - Develop detailed and clear standards and work instructions for welding processes, ensuring alignment with production goals, safety standards, and quality requirements.
  - Provide training and technical guidance to production staff on welding techniques and procedures.
- **Process Improvement:**
  - Analyze current welding processes and identify opportunities for efficiency improvements and cost reductions.
  - Propose and implement KPI to measure and improve welding performances
  - Implement best practices and new technologies to enhance welding performance productivity and reduce defects.
  - Collaborate with cross-functional teams to streamline workflow and optimize production operations.
- **Fixture Design & Implementation:**
  - Design, develop, and implement custom welding fixtures and jigs to improve process consistency and efficiency.
  - Coordinate with engineering and production teams to ensure fixtures meet operational requirements.
  - Conduct testing and validation of fixtures to ensure proper functionality.
- **Quality Assurance:**
  - Establish and maintain quality control processes for welding operations, ensuring adherence to specifications and standards (e.g., AWS, ISO).
  - Investigate welding defects and implement corrective and preventive actions.
  - Prepare and review documentation, including inspection reports and weld procedure specifications (WPS).

- Collaboration and Documentation:
  - Work closely with engineering, production, and quality teams to ensure smooth communication and project execution.
  - Maintain accurate records of welding processes, updates, and improvements.

**We are looking for someone who:**

- Holds a Bachelor's degree in Welding Engineering, Mechanical Engineering, or a related field.
- Has proven experience as a Welding Engineer or similar role in a manufacturing or industrial environment.
- Possesses strong knowledge of welding processes (e.g., MIG, TIG, SMAW, FCAW) and materials (e.g., metals, alloys).
- Has proficiency in CAD software for fixture design and layout.
- Has familiarity with welding standards and codes (e.g., AWS, ASME, ISO).
- Possesses Excellent problem-solving skills and a detail-oriented approach.
- Has strong communication and teamwork skills, with the ability to collaborate across departments.

**Ideally you will also have:**

- Certification as a Welding Inspector (CWI) or Welding Engineer.
- Experience with automation and robotic welding systems.
- Knowledge of Lean Manufacturing and Six Sigma methodologies.

**The Physical Demands / Working Conditions are:**

- Combination of office, production floor, and testing areas.
- May involve occasional lifting and exposure to welding environments.
- Flexibility to travel, if required

**What we offer you:**

Typical pay is \$80,000 to \$110,000 annually.

Please note the pay information shown above is a general guideline. Pay is based upon candidate skills, experience, and qualifications.

This position is eligible for participation in our Quarterly Incentive Pay Program

G&W Electric offers a comprehensive benefits package that includes:

- Medical, Dental and Vision Insurance

- Short and Long-Term Disability
- Life Insurance
- Health club membership program and reimbursement
- Employee Assistance Program
- Tuition Reimbursement
- 401 (k)
- Annual Profit Sharing
- Vacation
- Air-conditioned/heated state-of-the-art manufacturing facility

### **About G&W Electric**

Innovating since 1905, G&W Electric has grown into a global leader in engineered electrical power grid solutions. Working with us means joining a worldwide team of passionate manufacturing professionals striving to continually improve the technologies the world depends on to deliver safe, reliable electricity. Our culture is focused on employee success, so we foster an entrepreneurial environment that encourages everyone to thrive.

Learn more about our company by watching this video: <https://www.youtube.com/watch?v=DMtAhdsYeUQ>

G&W Electric enjoys a long reputation for product quality, innovation and world-class customer service to the power industry. We have established this reputation by believing that our greatest asset is our employees. We owe our success to the initiative and talents of highly skilled individuals within our team-based organization. Our goal is to set the standard for customer satisfaction by ensuring a superior level of service, performance and innovation. As a global organization and industry leader, we are committed to cultivating an engaging work environment that embraces our core values and develops our talent. Our continuous focus on growth and innovation means that you become part of a company that provides challenging opportunities, rewards excellence and combines your individual expertise to achieve a higher level of shared success. As part of our organization, you also help power the world!

G&W Electric is proud to be an Equal Opportunity Employer. All employees and applicants will receive consideration for employment without regard to age, color, disability, gender, national origin, race, religion, sexual orientation, gender identity, protected veteran status, or any other classification protected by federal, state, or local law. G&W Electric participates in the E-Verify process for all new hires.

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