



Join Our Winning Manufacturing Team

JOB TITLE: Weld Inspection Trainee

REPORTS TO: Quality Manager

FULL/PART TIME: Full-time

LOCATION: Accident, MD

Disclaimer: This position description provides a summary of typical job functions. The assigned duties, tasks, and responsibilities are subject to change and are not limited by this position description.

POSITION SUMMARY

The Weld Inspection Trainee will be responsible for inspecting and evaluating the Company's welding processes, test methods, discontinuities, materials, qualifications, and standards to ensure that weldments (Mig and/or Tig) and welding-related activities comply with all applicable safety and quality criteria in accordance with AWS standards.

The role of the Weld Inspection Trainee is critical to the safety and structural soundness of welding equipment. Responsible for monitoring and evaluating the welding workflow process and production standards to produce secure and strong aluminum welds to whole and partially finished products.

ATTRIBUTES

- **Courteous and Ethical Behavior:** The ability to use good judgment and avoid situations that create an actual or perceived conflict between personal interest and those of the Company.
- **Arm-Hand Steadiness:** The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.
- **Manual Dexterity:** The ability to quickly move your hand, your hand together with your arm, or you two hands to grasp, manipulate, or assemble objects.
- **Control Precision:** The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
- **Multi-limb Coordination:** The ability to coordinate two or more limbs (for example, two arms, two legs. Or one arm and one leg) while sitting, standing, or lying down.

ESSENTIAL FUNCTIONS

- Measure work items with straightedges or templates to ensure conformance with specifications.
- Evaluate clamp, tack-weld, or bolt component parts to obtain required configurations and positions for welding.
- Prepare all material surfaces to be welded, ensuring that there is no loose or thick scale, slag, rust, moisture, grease, or other foreign matter.
- Follow at all times proper safety procedures and proper safety equipment is being utilized it relates to the work being performed.

- Monitor the fitting, burning, and welding processes being performed by staff to avoid overheating of parts or warping, shrinking, distortion, or expansion of material.
- Determine the required equipment and welding methods, applying knowledge of welding techniques.
- Detect faulty operation of equipment or defective materials and notify Shop Manager.
- Communicate to Shop Manager any injury, unsafe act or condition, or failure of equipment.
- Maintain the work area in neat and clean condition and ensure that materials and tools are returned to proper storage.
- Dispose of waste materials after completion of work assignments.

QUALIFICATIONS

- High school diploma or GED preferred.
- 1-3 years welding work related experience in a manufacturing or industrial setting.
- AWS Certified Associate Welding Inspector (CAWI); AWS Certified Welding Inspector (CWI) preferred (not required); certification related training and on-the-job training will be provided.
- Communication: Talking to others to convey information effectively. Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- Instructing: Teaching others how to do something.
- Mathematics: Using mathematics to solve problems.
- Critical Thinking: Using logic and reasoning to identify the strengths and weaknesses of alternate solutions, conclusions or approaches to problems.
- Equipment Selection: Determining the kind of tools and equipment needed to do a job.
- Equipment Maintenance: Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- Quality of Work/Accuracy: Ability to perform assigned duties at acceptable standards of workmanship, accuracy, and timeliness. Completes work thoroughly without constant correction. Maintains quality of work under stressful situations.
- Must be safety-focused without exception.

PHYSICAL REQUIREMENTS

- Walking: 1/3 to 2/3 of the time
- Standing: More than 2/3 of the time
- Lifting up to 25 pounds: 1/3 to 2/3 of the time
- Lifting up to 50 pounds: Less than 1/3 of the time
- Reaching or Stretching: Less than 1/3 of the time
- Crouching or Stooping: Less than 1/3 of the time
- Speaking and Hearing: 1/3 to 2/3 of the time
- Seeing/Close Vision: 1/3 to 2/3 of the time
- Distance Vision: 1/3 to 2/3 of the time
- Color Discrimination: 1/3 to 2/3 of the time

- Depth Perception: Less than 1/3 of the time

WORK ENVIRONMENT

The position involves occasional exposure to outdoor weather conditions and loud noise levels.

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