

**Job Description:**

Structural Welders join metal components as specified by layout, blueprints, diagram, work order, welding procedures, or verbal instructions, using hand and powered hand tools, and welding equipment. Ability to weld ferrous and non-ferrous materials. Familiar with OSHA requirements for safety and hot work onboard naval vessels.

**Duties include, but are not limited to:**

- Successfully completion welding qualification requirements using Shielded Metal Arc Welding (SMAW), Flux-Cored Arc Welding (FCAW), and Gas Metal Arc Welding Pulse (GMAW-P) using ceramic backing and Gas Tungsten Arc Welding (GTAW).
- Setup and adjust various welding equipment and associated accessories.
- Ability to interpret welding symbols-based on the AWS Welding Symbols.
- Familiarity with the workmanship requirements of MIL-STD-1689A, Fabrication, Welding, and Inspection of Ships Structure.
- Understand and perform to the requirements of DM 10-623 for aluminum welding.
- Understand the requirements of NSI 009-09, Process Control Procedure (PCP).
- Understand the requirements of NSI 009-12, Weld, Fabricate, and Inspect.
- Ability to visually inspect fillet welds using a fillet weld gauge and butt or groove welds for acceptance.

**Education / Experience Required:**

- Must be 18 years old.
- Must be able to work in the US.
- High School Diploma or equivalent.
- Completed a structured welding program.
- Must have a valid California driver's license.
- Must be able to obtain a DBIDS credentials.
- Must possess basic skills (reading, writing and mathematical skills).

**Preferred:**

- A plus, familiar with the requirements for CG-47 class weld repairs.
- A plus, previous experience in a ship repair environment.
- Understand the Naval Ship Repair requirements and working environment.

**Skills:**

- Strong communication and interpersonal skills.
- Applicant will be required to work in a collaborative team environment and meet organizational goals.
- Ability to work with minimum supervision and assist in leading others.

**Physical Qualifications:**

- Must be physically capable of performing the essential functions of the position.
- Must be available to work at heights, confined spaces and have ability to climb staircases and ladders of varying sizes.

- May involve carrying objects that weigh up to 50 lbs., frequent stooping, bending, crawling, reaching, and walking.