

# Job Description: Senior Specialist, Workshop Mechanical & Welding II

## Position Overview

The Senior Specialist, Workshop Mechanical & Welding II, is responsible for overseeing and executing advanced mechanical and welding tasks in the workshop. This role requires a highly skilled individual with extensive experience in mechanical engineering, welding techniques, and workshop management. The successful candidate will ensure the highest quality standards are met and that all work complies with safety regulations.

## Key Responsibilities

- **Workshop Management:** Supervise and manage daily operations of the workshop, ensuring efficient workflow and adherence to schedules.
- **Mechanical Engineering:** Apply advanced mechanical engineering principles to diagnose, repair, and maintain machinery and equipment.
- **Welding:** Perform and oversee various welding tasks, including MIG, TIG, and arc welding, ensuring precision and safety.
- **Quality Control:** Implement and monitor quality control procedures to ensure all work meets regulatory standards and project specifications.
- **Team Leadership:** Lead and mentor a team of junior specialists and technicians, fostering a collaborative and productive work environment.
- **Safety Compliance:** Enforce and adhere to all safety protocols, conducting regular safety audits and training sessions for staff.
- **Technical Documentation:** Maintain accurate records of all mechanical and welding activities, including maintenance logs, inspection reports, and safety documentation.
- **Continuous Improvement:** Identify opportunities for process improvements and implement best practices to enhance workshop efficiency and effectiveness.
- **Client Interaction:** Liaise with clients to understand their requirements, provide technical advice, and ensure customer satisfaction.
- **Inventory Management:** Oversee the procurement and management of workshop supplies and equipment, ensuring adequate stock levels and timely replenishments.

## Qualifications and Skills

- **Education:** Bachelor's degree in Mechanical Engineering, Welding Engineering, or a related field. Master's degree preferred.
- **Experience:** Minimum of 5 years of experience in mechanical engineering and welding, with at least 3 years in a supervisory role.

- **Certifications:** Relevant certifications in welding (e.g., AWS, ASME) and mechanical engineering (e.g., PE license) are highly desirable.
- **Technical Skills:** Proficiency in various welding techniques (MIG, TIG, arc), mechanical repairs, and maintenance procedures. Familiarity with CNC machinery is a plus.
- **Leadership:** Demonstrated ability to lead, mentor, and manage a team effectively.
- **Problem-Solving:** Strong analytical and problem-solving skills with the ability to diagnose and resolve complex mechanical and welding issues.
- **Communication:** Excellent verbal and written communication skills, with the ability to convey technical information clearly and concisely.
- **Attention to Detail:** High level of attention to detail, ensuring precision and accuracy in all tasks.
- **Safety Awareness:** In-depth knowledge of safety regulations and best practices in the workshop environment.
- **Project Management:** Strong organizational and project management skills, with the ability to manage multiple projects simultaneously.