

Aura Fabricators Inc.
Job Description

Job Title: Robotic Welder
Department: Production
Reports To: Production Supervisor
Prepared Date: August 13, 2025

SUMMARY

The Robotic Welder utilizes robots to layout, fit up, and weld raw material, fabricated, and cast components to assemble miscellaneous, ornamental and structural components such as ornamental railings, ladders, and building bridge components. This role requires attention to detail, adherence to safety standards, and the ability to work efficiently in a fast-paced manufacturing environment.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Read, interpret and perform welding techniques to fabricate parts to be used in the manufacturing of product. This includes possessing basic mechanical knowledge and use of hand tools, following instructions and welding products.
- Apply competencies in welding and utilize computer-based software to operate the robotic machine.
- Review program specifications or shop drawings to determine and set machine operations and sequencing, finished work piece dimensions, and/or numerical control sequences.
- Troubleshoot equipment including but not limited to adjusting machine controls when automatic programming is faulty or if the machine malfunctions.
- Lay out, position, align, and fit components together.
- Bolt, clamp, and tack-weld parts to secure in position for welding.
- Perform manual welding as required.
- Operate power and hand tools, such as, grinders, drills, and saws.
- Safely operate forklifts, overhead cranes and other material handling equipment.
- Maintain equipment.
- Load raw materials ensuring proper alignment and secure placement.
- Inspect finished parts using precision measuring tools to verify compliance with specifications.
- Document production data as required
- Verify conformance of workpiece to shop drawings
- Follow all safety protocols and maintain a clean, organized work area.
- Collaborate with team members and supervisors to troubleshoot issues and improve processes.
- Operate power and hand tools, such as grinders or drills
- Debur or polish parts
- Safely operate forklifts, overhead cranes and other material handling equipment
- Design and construct templates and fixtures

SUPERVISORY RESPONSIBILITIES

None required other than inspection of own and others work.

QUALIFICATIONS

To perform this job successfully, an individual must be able to complete each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.

- Work efficiently, accurately and safely.
- Read a shop drawing, select material, accurately measure and cut parts, grind welds that require grinding, inspect assembly, mark assembly, and handle and stack assembly.
- Consistently and accurately perform AWS welds meeting both structural and aesthetic requirements in flat, horizontal and vertical positions.

EDUCATION and/or EXPERIENCE

- Required: Two years of tech school education or two years of similar work experience.
- Preferred: Formal training/certification in robotic equipment and/or welding

LANGUAGE SKILLS

- Must be able to read and understand shop drawings written in English
- Ability to accurately read an English tape measure

MATHEMATICAL SKILLS

- Ability to perform basic math skills, add and subtract English measuring system including fractions

REASONING ABILITY

- Must be able to evaluate pieces and assemblies and determine if work is in compliance to the shop drawings.

CERTIFICATES, LICENSES, REGISTRATIONS

- Must pass AWS welder certification tests.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.

- Must be able to lift 50lbs regularly
- Lift 90lbs occasionally
- Must be able to stand for complete shift
- Walk the length of workstation
- Bend to pick up items, lift and reach to worktable height
- Manual dexterity for handling small parts and tools

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.

- Majority of work will be performed indoors, some outside work may be required
- Facility is not air conditioned in the summer

OTHER INFORMATION**COMPENSATION**

- \$20.00-\$28.00/HR

HOURS

- Typical work week is 46 hours per week [year-round]
 - Monday-Thursday: 6:00am to 4:30pm
 - Friday: 6:00am to 12:00pm

Due to varying project demands, this position requires some level of flexibility and the willingness to work longer hours as need.

BENEFITS

- Dental Insurance
- Health Insurance
- HSA
- Holidays
- Paid Time Off
- Simple IRA 3% Match
- Life Insurance