

Job Title: Welder/Weld Programmer
Plant: Sheldon/Spirit Lake
Department: Weld Support
Manager: Weld Engineer
Status: Nonexempt

Summary:

Write, edit, and troubleshoot programs for assigned robotic welding machinery, using computer software for programming and other department support. Ensure weldments meet Rosenboom weld specification S903DZ0001.

Essential Duties and Responsibilities:

- Write robotic weld programs that meet the quality specifications of customers and Rosenboom while maintaining minimum weld cycle time.
- Inspect, measure, and/or test completed weldments and supporting materials, to ensure conformance to specifications, using measuring and testing devices.
- Recognize, set up, and operate hand and power tools common to the welding trade, such as gas metal arc welding and gas tungsten arc welding equipment.
- Productive member of his/her workgroup and adheres to all Rosenboom policies, including safety requirements/procedures especially working with robotic equipment, to ensure a safe working environment for all Rosenboom employees.
- Work in a production setting to facilitate the needs of Rosenboom's production goals.
- Maintain preventive maintenance (PM) program for all weld related equipment.
- Maintain a 6S program for equipment and tools in the Weld Support Department.
- Meet all safety regulations and demands employee actions that ensure the safest possible work environment for all Rosenboom employees.
- Professionally models and encourages mutual respect among all Rosenboom employees.
- Habits of good attendance and punctuality are an essential responsibility of all Rosenboom job positions.
- Perform welder and weld inspector audits as needed to meet the weld specification.

Education and/or Experience:

- High school diploma or GED, preferred; and,
- Relative experience and/or training required.

Competencies:

- Understands written sentences and paragraphs in work related documents – English.
- Assist in training department peers and production operators as needed.
- Ability to become familiar with other robot manufacturers and models.
- Ability to travel for training or to assist other facilities.
- Use of mathematics to solve problems.
- Demonstrate ability to use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Determines the kind of tools and equipment needed to do a job.
- Demonstrates and understands the implications of new information for both current and future problem-solving and decision-making.
- Demonstrates or has the ability to obtain a working knowledge Microsoft Office and Vantage software.
- Gives full attention to what other people are saying, taking time to understand the points being made, ask questions as appropriate, and not interrupting at inappropriate times.
- Manage one's own time and the time of others to meet required schedules.
- Determine causes of operating errors and decide what is needed to correct the problem.
- Interpret of mechanical drawings, and blue prints.
- Working knowledge of fixturing and weld set up parameters (amps, volts, etc.).

- Quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns that may be presented at the same time or one after the other.
- Recognizing problems prior to a failure.
- Identify the correct mathematical methods or formulas to solve problems.
- Understand information and ideas presented through spoken words and sentences.
- Communicates (speaks and understands).
 - Demonstrates ability to communicate orally in a clear and positive manner.
 - Demonstrates ability to generate and maintain accurate and concise written records, as appropriate to job assignment.
- Concentrate on tasks over periods of time without being distracted.
- Adjust the controls of a machine to exact positions quickly and repeatedly.
- Manage one's own time to meet goals of the company.
- Meet vision requirements set by AWS.
- Use of computers and computer systems to program, write software, set up functions, enter data, or process information.
- Obtain information from all relevant sources.
- Analyze information and evaluate results to obtain the best solution.
- Use control mechanisms or physical activity to operate machines or processes.
- Provide clear and accurate information to supervisors, and co-workers by telephone, in written form, email, or in person.
- Remain up to date technically and apply new knowledge to your job.
- Compile documentation, detailed instructions, drawings, or other specifications to instruct others on work completion; and,
- Assist in training peers in weld support.

Training/Certifications/Licenses:

- Holds or has the ability to obtain hand weld and robotic welding Rosenboom specific certifications.
- Holds or has the ability to obtain Rosenboom visual weld inspection certification.
- On-site training specific to job responsibilities; must complete Grade 3 Level 3 training requirements within first three years in the role.
- Process and defect monitoring techniques as determined necessary by management personnel; and,
- Continuing education as made available and/or required by Rosenboom.

Physical Demand:

- While performing the duties of this job, the employee is regularly required to lift and/or move up to 50 pounds. The employee is regularly required to bend, twist, and stand for extended periods of time. The duties of this job require the use of hands to handle, control, or feel objects, tools, or controls. Specific vision requirements include close vision, with the ability to adjust focus.

Work Environment:

- While performing the duties of this job, the employee is exposed to hazardous equipment as well as sounds and noise levels that are distracting or uncomfortable. The employee is required to work in an environment with high voltage equipment. The employee is required to work indoors in an uncontrolled climate and expected to become familiar with and use all required personnel protection equipment.

Other:

- Employee is expected to become familiar with work area and general plant layout.
- Employee may be mentored by an experienced employee, as assigned by supervisory personnel.
- Employee is expected to work full shifts with the possibility of some extra daily and/or Friday night or Saturday dayshift hours, as appropriate to regular shift assignment; and,
- Commitment to high standards of workmanship, the production of quality products and continuous quality improvement is an expectation of all Rosenboom job positions.
- Rosenboom is an Equal Opportunity Employer (EOE) – Veterans and disabilities. Rosenboom maintains a drug-free workplace and performs pre-employment substance abuse testing.