



Industrial Automation Programmer

SUMMARY:

Industrial Automation Programmer will be responsible for helping design, program, install and improve robotic systems inside the facility. Position will primarily focus on improving existing and future robotic weld cells but will be an integral part of facility's growth plans with automation. The position will work closely with manufacturing engineering to support and improve manufacturing operations, including troubleshooting equipment, designing fixtures, and updating process documentation.

ESSENTIAL FUNCTIONS:

Including the following (other duties may be documented and assigned by management and some duties may not apply dependent upon the requirements of the position at each specific Tarter site and/or the strengths of the employee and the needs of the company):

1. Identify and troubleshoot process, material, or equipment problems to minimize downtime and recommend/implement solutions.
2. Complete time studies to quantify processing times and identify areas for process improvements.
3. Assist with hands-on training of manufacturing employees with new products, tooling, equipment and process revisions.
4. Schedule, complete, and document routine maintenance on applicable manufacturing and test equipment.
5. Read schematics, assembly drawings, data sheets, and process sheets to perform testing, build fixtures, checkout and troubleshoot equipment.
6. Assist in failure analysis, troubleshooting, rework/repair of non-conforming manufactured product to determine root cause.



7. Promote and support Lean Manufacturing and Continuous Improvement activities in Manufacturing.
8. Installs and validates equipment and processes in the production area to improve yield and/or reduce cycle time following the established validation procedure.
9. Supports periodic volume increases through testing of production product following applicable processes and procedures.
10. Assist with 5S improvements and sustainability.
11. Work with Health and Safety to design process safeguards and improve team member safety.
12. Other duties as assigned.

QUALIFICATIONS:

Knowledge, skills & abilities: Must be able to perform each essential duty satisfactorily. Effective interpersonal, organizational, verbal and written communication skills required. This position performs job duties in an ethical and professional manner. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

KNOWLEDGE AND SKILL REQUIREMENTS

1. Proven experience with Fanuc.
2. Position requires one of the following:
 - a. Bachelor's Degree in related field
 - b. Associate's degree in related field, with 3 years' experience
 - c. Five years' experience in technical role in manufacturing

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FARM AND RANCH EQUIPMENT

3. 1 - 2 years' experience in metal forming, fabrication or welding manufacturing environment is preferred
4. Must have excellent mechanical aptitude ability.
5. Must follow direction while displaying cooperative and positive behavior with co-workers.
6. Must be a self-starter and able to execute job tasks with limited supervision.
7. Hands-on approach to job task to include seeking additional information on the task as required.
8. Proficient problem solving, time management skill & ability to manage multiple projects simultaneously.
9. Ability to develop and execute a detailed test plan.
10. Adept interpersonal, verbal and writing communication skills.
11. Must be a self-starter and able to execute job tasks with limited supervision.
12. Computer skills proficiency (MS -Word, Excel, Power Point, Project etc.)
13. Working knowledge in AutoCAD
14. Must be detailed oriented.
15. Working knowledge with Weld Prints and A.W.S. Weld Symbols.

WORKING CONDITIONS

Working conditions are normal for a manufacturing environment. Work involves frequent lifting of materials and product up to 30 pounds. Machinery operation requires the use of safety equipment to include but not limited to; eye safety glasses, hearing protectors, work boots, and hardhats. Loose fitting clothes and jewelry are not permitted. Travel is required for training, vendor visits, etc.