



Manufacturing Automation Machine Engineer

Full Job Description

Helione is a solar company founded in 2010 and headquartered in Ontario, Canada. We are a manufacturer of high efficiency, high quality, and high-reliability solar modules. Our modules are produced on state-of-the-art solar manufacturing lines in Ontario-Canada, Minnesota-USA and Florida-USA, looking to fill new positions in a growing company. The ideal candidate is a team player, has a positive attitude, and is punctual and reliable.

The Engineering will maintain production and quality by ensuring operation of machinery and mechanical equipment. The position consists of two primary aspects: thorough understanding of the HMI (computer) and the ability to make mechanical adjustments or repairs to ensure the machine manufactures solar modules to the required engineering and production parameters. He or she must have experience using HMI/CNC control, tooling setup and process controls in order to operate, make adjustments, and complete set-ups / off-sets on a robotic assembly machine. A strong understanding of manufacturing process controls, measurement methods, and trouble shooting on electrical and mechanical systems is required. This position requires someone who is committed to maintaining a high speed automated production line.

Responsibilities:

- Ability to lead and work with various projects at same time.
- Ensures operation of automation machinery equipment meets quality and capacity requirements in a safe and cost-effective manner.
- Support maintenance to accomplish the preventive maintenance requirements on automation/gantries systems, motors, pneumatic, conveyor systems... per the manufactures requirements.
- Must be able to understand machine electrical and mechanical drawings, operations manuals, manufacturer's instructions, and engineering specifications.
- Hands-on Troubleshoots malfunctions (HMI / CNC controls, mechanical or electrical); locates sources of problems by observing or measuring mechanical or electrical devices in operation, listening for problems, and using precision measuring and testing instruments.
- Determines changes in dimensional requirements of parts by inspecting used parts using rules, calipers, micrometers, and other measuring instruments and making adjustments via HMI or mechanical adjustment to the machine to ensure quality requirements.
- Ability to analyze machine error codes and diagnose root cause and corrective actions.
- Able to communicate with machine supplier (24/7) as necessary to ensure machine up time.
- Maintains continuity among work teams by documenting and communicating actions, irregularities, and continuing needs.
- Follows all safety policies and procedures defined by the Company's Safety Policy and regulations to eliminate work related injuries.
- Contributes to team effort by accomplishing related results as needed.



Qualifications:

- Degree in Electrical, Mechanical Engineering or An Automated Technical Degree or 4+ years of experience in the automated electrical and mechanical manufacturing field.
- High Energy
- Teamwork Orientation.
- Strong ownership of machine up time.
- Manufacturing process controls.
- Strong Documentation
- CNC / HMI and machine repair technical knowledge to perform the tasks outlined in the essential functions.
- Analytical problem solving skills to take a systematic approach to find the root cause and develop appropriate corrective action.
- Ability to analyze, organize, prioritize, and manage multiple projects
- Experience with Microsoft Office Excel, Word, Outlook, and PowerPoint
- Leadership skills to evaluate strengths and development opportunities of technical support on the team and assign responsibilities to maximize these resources.
- Ability to work independently and coordinate efforts with the overall shift goals
- Proven ability to identify existing opportunities, foresee upcoming challenges and effectively react
- Exceptional interpersonal, oral and written communication skills including the ability to communicate clearly, succinctly and effectively with all departments
- Open Mind, Team Work, Communication, Proactive, Self-motivated.

All applicants must be legally eligible to work in the Canada

The applicant will also need to be able to travel to United States of America for training and support whenever it can be safe to travel.

At this time, Heliene Canada is not accepting applicants that require sponsorship.

Heliene is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

Job Type: Full-time

Wages and benefits based on qualifications.