

Manufacturing Engineer

Full Job Description

Heliene 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.

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 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 controls, mechanical and electrical); locates sources of problems by observing or measuring mechanical or electrical devices in operation, listening for problems, and using both mechanical and electrical 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 adjusting 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.
- Manage MES (Manufacturing Execution Systems) and interaction with ERP (Dynamics 365 Business Central)
- Manage Maintenance software
- Analysis information from MES and Maintenance software to identify root causes and corrective actions
- Follows all safety policies and procedures defined by the Company's Safety Policy and regulations to eliminate work related injuries.
- Create relevant metrics to improve uptime, productivity, and quality.
- 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.
- Ability to utilize a multimeter for electrical troubleshooting.
- Experience with lean manufacturing practices (Kanban, value stream mapping, root cause analysis tools)
- Excellent teamwork and collaboration capabilities and High Energy
- Strong ownership of machine up time.
- Manufacturing process controls.
- Strong Documentation capabilities.
- Previous experience in MES Manufacturing Execution Systems will be considered a plus
- Previous experience in Maintenance software will be considered a plus
- Ability to document and present failure analysis, continual improvement plans, root cause findings.
- HMI and machine repair technical knowledge to perform the tasks outlined in the essential functions.
- Analytical critical thinking 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
- Strong experience with Microsoft Office Excel, Word, Outlook, and PowerPoint
- Works 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 and effectively with all departments
- Open Mind, Teamwork, Communication, Initiative-taking, Self-motivated.

All applicants must be legally eligible to work in the United States of America

The applicant will also need to be able to travel to Canada for training and support whenever it can be safe to travel.

Currently, Heliene USA 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.

To apply, please send your resume and a cover letter to careers@heliene.com