



Manufacturing Engineer

The Company:

Richards-Wilcox Canada is the proven leader in the residential and industrial sectional garage door industry. Our commitment is to be the highest quality, most competitive door system manufacturer in the world. We use the latest technology in our manufacturing processes, combined with design ingenuity, resulting in a superior product. With over 100 years of experience, we are a growing organization with a family-oriented, open and collaborative culture and a global perspective.

Overview:

Reporting to the Engineering Manager the Manufacturing Engineer is responsible for developing and leading production engineering projects. This will include continuous improvement and quality improvement initiatives, trouble-shooting, new technology recommendations and equipment and process implementations and the managing of these respective projects.

Key Responsibilities:

Responsibilities include but are not limited to the following:

- Lead and manage projects involving new equipment design, installation, movement, retrofitting and/or modification
- Troubleshoot problems with manufacturing processes and provide and implement solutions/improvements
- Develop, maintain and improve operating policies, manufacturing/operator instructions and standards
- Perform engineering studies to target efficiencies and develop lean and automation solutions
- Contribute significantly to continuous improvement initiatives focused on manufacturing processes and procedures
- Improve manufacturing efficiencies by analyzing and planning work flow, space requirements and equipment layout
- Involvement in the development and implementation of cost and inventory reduction activities
- Address systemic quality issues that result from the manufacturing process including those that may arise from material handling, shipping, assembly, etc.
- Reduce and remove non value added time that is present in the manufacturing process
- Participate in the design and development of new products to ensure design for manufacturability is a focus
- Work with the maintenance group to identify preventative and predictive maintenance practices
- Troubleshoot machinery using electrical, mechanical and control systems knowledge

- Design and procure in-house solutions and equipment from the group-up
- Contribute to the development of an industry 4.0 environment, connecting existing equipment and tools to ERP software
- Facilitate quality initiatives including design of experiments, PFMEA, Quality Assurance and QFD, are required
- Other duties as assigned

Personal Skills:

- Demonstrated experience in leading projects
- Professional, creative thinking, team player with an ability to handle multiple projects with the use of effective multi-tasking and prioritization skills.
- Strong mechanical aptitude with hands on experience. Must be a fast learner and have the ability to understand and be creative with the mechanics of machines.
- Must enjoy getting out on the floor and actively working with the Production Line Operators and Maintenance team.

Qualifications & Skills:

- Degree in Industrial or Mechanical Engineering
- A minimum of 5 years of experience working as a Manufacturing/Industrial Engineer in a continuous manufacturing and assembly environment
- Experience with PLC/HMI/SCADA programming is a requirement
- Experience with CAD software for both electrical and mechanical drawings
- Proven experience with roll forming lines, presses and spray foam and asset
- Experience with assembly automation an asset

Accessibility:

We are an Equal Opportunity Employer. In accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code, Richards-Wilcox Canada will provide accommodations throughout the recruitment and/or selection process to applicants with disabilities.

If selected to participate in the recruitment and/or selection process, please inform Richards-Wilcox Canada's Human Resources Manager of the nature of any accommodation(s) that you may require in respect of any materials or processes used to ensure your equal participation.

To apply to this position, please send your resume to the following e-mail address: beatriz@rwdoors.com. Please include the job title in the subject line.