

Engineering Specialist

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Summary

Title: Engineering Specialist, Toyota Motor Manufacturing Canada (TMMC)
ID: 1029B
Department: Engineering
Location: Cambridge and Woodstock

Toyota Motor Manufacturing Canada is committed to providing accommodations for applicants with disabilities; please advise us if you require an accommodation during the recruitment process.

Description

Engineering Specialist

Toyota Motor Manufacturing Canada (TMMC) is a world-class automotive facility with manufacturing plants located in Cambridge and Woodstock, Ontario. We are one of the largest Toyota Motor Manufacturing facilities in North America and we produce the top quality Toyota Corolla, RAV4, and the Lexus RX 350 and RX 450h. We have been recognized as one of the Top 100 Employers in Canada for multiple years.

The world famous Toyota Production System, a philosophy of continuous improvement and on-going training, enables each Team Member to work towards their highest potential. The success of our company stems from hiring results-driven, self-motivated individuals, with the ability to work together to achieve team goals.

What we Offer:

- Competitive salary, shift premiums and over-time pay rates, on top of base rate.
- Exceptional Total Rewards Package
- Training, development, and growth opportunities
- Tuition Reimbursement Program
- Free onsite fitness facility
- Employee and family vehicle discounts
- Social and team sport events
- Full service cafeterias including Tim Horton's and Panago

Positions Available:

We are looking for Junior, Intermediate and Senior level Engineers candidates for multiple Engineering openings within various shops in our plants: Weld, Press, Assembly, and Paint/Plastics.

Overview of Engineering at TMMC:

- Application of the Toyota Production System (TPS) to resolve production issues and help production achieve KPIs
- Hands-on problem solving and critical thinking
- Provide Technical Leadership for Project Management & Implementation
- Use of engineering tools for Root Cause Analysis
- Focus on Continuous Improvement
- Work and collaborate with cross functional groups (quality, production, maintenance, contractors, suppliers, and management)

Responsibilities:

- Lead and perform root cause analysis on production, engineering, equipment and maintenance issues
- Lead daily troubleshooting activities, provide solutions and support for process concerns or improvement
- Coordinate and implement quality control objectives, activities and procedures to resolve production problems, maximize reliability and minimize costs
- Perform Kaizen projects to improve safety, quality, productivity, efficiency and cost
- Automation troubleshooting, new equipment installation and modifications
- Process equipment evaluation, specifications, procurement and implementation
- Ensure equipment and systems comply with relevant standards and legislation to ensure equipment safety and compliance
- Co-ordination of external skilled trades / supplier /activities
- Budget setting, forecasting and control

Desired Skills and Experience:

- Engineering Degree. Mechanical, Manufacturing, Mechatronics, Electrical, Industrial backgrounds considered, P. Eng eligible
- Minimum of 1 - 3 years of experience (co-op experience considered)
- High volume manufacturing environment
- Multi-disciplinary experience in process or equipment engineering
- Experience in assembly plant manufacturing (automotive preferred)
- Emphasis on manufacturing process and equipment
- Automation experience is an asset
- Knowledge and experience in the application of SPC (Statistical Process Control)
- Technical experience/knowledge with torque control, production line control systems
- Strong data analysis experience required
- Must be proficient with MS Office, AutoCAD, 3D imaging software – SolidWorks or CATIA preferred and SAP is an asset
- Excellent verbal and written communication skills
- Strong leadership and technical skills

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We are looking for Engineer candidates who have experience with some of the areas below:

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| • Engineer | • Paint | • Robotics |
| • Problem Solving | • Manufacturing Equipment | • Project Management |
| • Root Cause Analysis | • Production | • AutoCAD |
| • Electrical | • Process Engineer | • Tool & Die |
| • Mechanical | • Manufacturing Engineer | • Press |
| • Industrial | • KPI 's | • Assembly |
| • Automotive | • Controls | • Weld |
| • Automation | • PLC | • Plastics |
| • Manufacturing | • FMEA | • Kaizen |
| • Electromechanical | • SPC(Statistical Process Control) | |
| • Systems | | |