

In-Demand Career:
**Maintenance Technician /
Millwright**

(NOC 72400)



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Role Overview

Maintenance Technicians and Millwrights install, maintain, repair, and troubleshoot machinery and mechanical equipment. They play a critical role in ensuring that production systems operate efficiently and safely, often working with hydraulics, pneumatics, conveyors, and programmable machinery.

Why This Role Matters

In Innisfil's advanced manufacturing sector, downtime is costly. Maintenance Technicians are the first line of defence in keeping equipment running smoothly. Their work helps prevent delays, maintain safety standards, and increase operational efficiency across sectors, including plastics, construction materials, food processing, and fabrication.

SECTOR: Advanced Manufacturing

Maintenance professionals are core to operations across production lines, packaging systems, and industrial equipment. As automation increases, the demand for skilled technicians with both mechanical and digital competencies is growing.

Key Skills & Capabilities

- Equipment troubleshooting
- Mechanical repair and alignment
- Preventive maintenance practices
- Understanding of hydraulics, pneumatics, and electrical systems
- Ability to interpret technical drawings and schematics
- Familiarity with CMMS (computerized maintenance management systems)

Wage Range

\$30 to \$45 per hour, depending on experience, certifications, and industry sector.

Education & Training Pathways

Millwrights typically require a Certificate of Qualification (433A in Ontario), supported by a formal apprenticeship. Many employers also look for additional safety certifications (e.g., WHMIS, Working at Heights).

Local Program Spotlight:

Georgian College – Mechanical Technician – Millwright (Co-op) Offers hands-on, industry-relevant training in machine maintenance, installation, and repair, including a co-op component to gain real-world experience.

Developing the Talent Pipeline

- **Train apprentices** to ensure continuity in maintenance teams as experienced workers retire.
- **Cross-train operators** in basic maintenance to extend uptime and reduce dependency.
- **Partner with colleges** on co-op placements or advisory input for curriculum updates.

Career Progression Opportunities

- Lead Maintenance Technician
- Maintenance Planner or Coordinator
- Industrial Mechanic Specialist
- Maintenance Manager

Examples of Local Employers



Emerging Trends

Predictive maintenance powered by sensors and analytics.

Multi-skilled tradespeople capable of working across mechanical and electrical systems.

Digitally integrated equipment requires continuous learning.

Demand surges as manufacturing and processing sectors expand regionally.

An aging workforce is creating a demand for replacements and mentorship opportunities.



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