

In-Demand Career: **Quality Assurance Technician**

(NOC 22100)



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Role Overview

Quality Assurance (QA) Technicians ensure that products and processes meet internal quality benchmarks and regulatory standards. Their responsibilities include testing materials, documenting results, and identifying issues before they impact production.

Why This Role Matters

In Innisfil's growing advanced manufacturing sector, QA Technicians help companies stay competitive by minimizing defects, meeting compliance requirements, and supporting continuous improvement. Their work directly affects product quality, operational efficiency, and customer satisfaction.

SECTOR: Advanced Manufacturing

QA supports compliance, quality control, customer satisfaction, and lean operations. It's also a key element in meeting ISO, HACCP, or other industry certifications.

Key Skills & Capabilities

- Precise data entry and documentation
- Knowledge of testing protocols and quality systems
- Strong attention to detail
- Ability to work with cross-functional teams

Wage Range

Typical wages range from \$22 to \$35 per hour, depending on experience, certification, and the complexity of the quality systems used.

Education & Training Pathways

Most candidates begin with a post-secondary diploma in science, engineering, or manufacturing technology.

Local Program Spotlight:

Georgian College – Quality Assurance: Manufacturing and Management

This program equips students with hands-on experience in quality systems, auditing, and regulatory compliance, skills that are immediately applicable in manufacturing settings.

Developing the Talent Pipeline

There are multiple ways employers can attract and grow skilled QA talent:

- **Hire locally trained grads**

Georgian College graduates are ready to contribute from day one, with relevant technical and regulatory training.

- **Upskill from within**

Employees in production, lab, or logistics roles often make strong QA candidates with targeted support. Part-time programs and microcredentials can ease the transition.

- **Engage early**

Build relationships through co-op placements, internships, or advisory roles to align training with real-world needs and requirements.

Career Progression Opportunities

Quality Assurance roles offer a clear path for advancement, helping you retain talent and build internal leadership:

- Quality Assurance Supervisor
- Compliance Manager
- Process or Continuous Improvement Coordinator

Examples of Local Employers



Emerging Trends

Real-Time QA: QA processes are going digital, with technicians using tablets, sensors, and integrated systems to track quality in real-time.

Beyond Compliance: QA roles are expanding to include proactive problem-solving and support for lean manufacturing and continuous improvement.

Cross-Functional Talent: The best candidates combine technical testing skills with communication, documentation, and the ability to work across departments.

Evolving Standards: As regulations and certifications evolve, QA teams play a crucial role in ensuring audit readiness and maintaining customer trust.

Strategic Value: Strong QA is a competitive advantage, as it reduces waste, protects brand reputation, and enables faster decision-making.



Innisfil Economic Development

2101 Innisfil Beach Rd,
Innisfil, Ontario, Canada L9S 1A1



Phone: 705-436-3710

Toll free: 1-888-436-3710

Email: business@innisfil.ca

Website: InvestInnisfil.ca



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