



## Employment Opportunity: Quality Control Engineer

Status: Full-time

Preciseley Microtechnology is a fast paced growing high technology company and a world leader in the supply of MEMS optical components. We are currently recruiting a talented and highly motivated Quality Control Engineer to join the engineering team at our central Edmonton facility.

**Education Requirement:** B.Sc. or higher in Engineering or Science

**Experience Level:** Entry level

### Job Description:

The candidate will be responsible for MEMS product testing and will perform repeatability and reproducibility studies using Preciseley's custom built MEMS optical test systems. An ideal candidate will also conduct development work including Labview programming and hardware integration, MySQL database development, and visual inspection automation.

### Key Job Functions:

- Test incoming MEMS wafers for conformance to required specification
- Evaluate repeatability and reproducibility of MEMS testing systems
- Analyze failure mechanisms and identify root cause of test failure
- Document test procedures and create training materials
- Improve efficiency and expand capacity of current testing operations
- Maintain integrity of device performance and inventory status database

### Required Qualifications

- Intermediate level experience with high-level programming languages (eg. NI LabView, C, C++)
- Strong mathematical foundation with understanding of statistical analysis
- Basic understand of electronics
- Advanced level in Excel spreadsheet

### Experience with the following is highly valued:

- MySQL, MS SQL database
- MEMS fabrication
- Optical systems
- Microsystem characterization equipment (eg Zygo/Wyko optical profiler, SEM)

Please submit resume including a brief high level description of relevant projects completed to:  
[hiring@preciseley.com](mailto:hiring@preciseley.com)