



## Electromechanical Repairs & Calibration Technician

### **Job Description**

Do you have a passion for delivering service excellence, with a background in electromechanical instrument service?

You will be with a dedicated service and calibration team working on;

- High temperature ovens, and furnaces
- Microscopes,
- Metallurgical preparation equipment,
- Hardness Testers
- Metrology equipment

With your considerable service and calibration experience, we offer additional in-depth training in all phases of the job to build your skills and knowledge.

The Electromechanical Repairs & Calibration Technician position is a career-track opportunity to join one of Canada's premier microscope and metallurgical preparation equipment specialists.

Ideally, you have a minimum of three to five years of industrial experience focused on electromechanical equipment with electrical troubleshooting skills, ISO/IEC 17025 calibration knowledge and a strong mechanical aptitude.

If interacting with researchers, engineers, quality technicians from Canadian industry, and the scientific community to ensure their equipment continues to work as designed excites you, then this job will provide that opportunity and be the start of a rewarding journey.

If you are highly motivated with a passion for service and building strong customer relationships, we encourage you to apply to join our dynamic team today and start your career with Opti-Tech Scientific.

The Electromechanical Repairs & Calibration Technician is responsible for repairs, preventative maintenance, and calibration of our diverse line of inspection, test, and measurement equipment.

## **Roles & Responsibilities**

Performs electrical and mechanical repairs and preventative maintenance over a range of scientific equipment at customer locations and in-house.

- Performs maintenance and repairs to various optical and mechanical equipment
- Performs ISO/IEC 17025 accredited calibrations
- Keeps up to date with ASTM regulations
- Modifies instruments for CSA electrical compliance
- Accurately completes calibration worksheets, prepares, and issues relevant certificates and other paperwork as required.
- Organizes and books travel arrangements for on-site service.
- Prepares service estimates and quotations.
- Provides technical support to customers.
- Maintains customer records in the company CRM
- Notifies and schedules upcoming jobs with customers
- Follows all relevant health and safety policies while on job sites and working within the shop
- Ensures completion of tasks as per the assigned deadlines
- Stays informed of the latest industry techniques related to testing equipment, calibration methods, and service bulletins
- Performs other work as assigned by management

## **Qualifications**

- College diploma in an Engineering discipline. (Electro-Mechanical, Mechatronics, Electrical with strong mechanical aptitude)
- 3-5 years of field service work experience, focused on electromechanical equipment with electrical troubleshooting skills and a strong mechanical aptitude
- 3-5 years of calibration experience is an asset
- Strong analytical, mathematical, electrical, and mechanical skills are essential
- Ability to read and interpret electrical schematics, pneumatic and hydraulic diagrams
- Familiarity with inspection and testing equipment including microscopes, 2D/3D optical measurement systems, measurement software, metallurgical sample preparation equipment, hardness testers, tensile strength testers, analytical balances, among others is a definite asset. (Complete on the job training is provided to successful applicants).
- Must possess a valid Ontario Class G driver's license with a clean driving record.

- Must have a reliable vehicle to travel to job locations. (Monthly car allowance is provided)
- Willingness to travel to different customer locations – Approximately 24 weeks per year.
- An understanding of the basic concepts of optics, metrology and metallurgy is an asset.
- Must be able to pass government of Canada federal security clearance
- Must be able to legally travel internationally for training seminars.
- Excellent written and verbal communication skills. Knowledge of written and/or spoken French is an asset.
- Strong computer skills with advanced knowledge in Excel.
- Able to work under minimum supervision and effectively manage competing priorities ensuring work is completed within expected timelines.
- Able to lift 50 lbs.
- A team player who has a sense of humour, with a can-do attitude, a common-sense approach, and a sense of urgency to see tasks through to completion

Note: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.

Job Types: Full-time, Permanent

## **Benefits**

- Dental care
- Disability insurance
- Extended health care
- Life insurance
- On-site parking
- Vision care

## **Application question(s)**

- Are you legally able to travel to USA and Europe for training?
- Do you have hands-on professional experience in mechanical and electrical repairs?

## **Licence/Certification**

- Class G Licence (required)

## **Willingness to travel**

- 50% (required)

## **Work Location**

- Hybrid remote in Whitby, ON L1N 9A5