

## Laboratory Technician – Cement & Concrete Laboratory

### Xypex Chemical Corporation, Richmond BC

**Location:** On-Site – 13731 Mayfield Place, Richmond, BC

**Schedule:** Monday – Friday, 8:00 AM to 4:30 PM

**Start Date:** October 2025

**Employment Type:** Full-Time, Permanent

### About Xypex

Xypex Chemical Corporation is one of the world's leading manufacturers of products for waterproofing, protection, and repair of concrete structures. For over 50 years, our proprietary crystalline technology has been trusted by architects, engineers, and contractors in over 90 countries. We are committed to innovation, sustainability, and excellence — helping build stronger, longer-lasting concrete structures worldwide.

### Position Overview

We are seeking a Laboratory Technician to join our cement and concrete laboratory team. This role focuses on routine Quality Assurance (QA) and Quality Control (QC) testing, hands-on analysis, and product development of cementitious materials and admixtures.

### Key Responsibilities

- Plan and execute R&D projects focused on cement and concrete materials, integrating cement chemistry, mix design, and durability testing to develop next-generation, durability-enhancing cementitious products.
- Collect, analyze, and interpret experimental data, using statistical methods to identify trends and guide product development and performance improvements.
- Perform routine QA/QC tests on raw materials, cementitious mixes, and finished products to ensure compliance with internal specifications and ASTM/CSA standards.
- Prepare, and mix cement, mortar, and concrete samples for laboratory and field-oriented testing.
- Conduct mechanical and durability evaluations (e.g., compressive and flexural strength, permeability, shrinkage, freeze–thaw resistance) to assess long-term performance of cement and concrete products.
- Apply analytical techniques—such as titration, spectroscopy, thermal analysis, electrochemistry—as needed to investigate material properties and product performance.
- Prepare comprehensive technical reports summarizing experimental methods, data analysis, and conclusions for internal teams and external stakeholders.

- Maintain accurate lab records and documentation of all QA/QC results and experimental data.
- Ensure lab safety, cleanliness, and equipment maintenance.

### **Education & Qualifications**

- Education: BSc or MSc (preferred) in Analytical Chemistry, Civil Engineering, Materials Science, Forestry, or a closely related field.
- Strong interest in cementitious materials, concrete testing, and innovative product development.
- Familiarity with laboratory safety procedures and good documentation practices.
- Detail-oriented, organized, and comfortable working in a team environment.
- Ability to lift and handle materials up to 50 lbs.

### **Preferred Assets**

- Concrete Field-Testing Technician certification (CSA or ACI) is a plus.
- Prior lab experience with cement, concrete, or construction materials.
- Knowledge of ASTM or CSA standards for QA/QC testing of cementitious materials.

### **Compensation & Benefits**

Hourly Wage Range: \$25.25 to \$31.25 per hour.

The salary offered to the successful candidate will be based on their experience, knowledge and skills they bring to Xypex. While the expected hourly rate range is \$25.25 to \$31.25 per hour, we may consider a different amount depending on the experience, knowledge, and skills of the successful candidate.

Our total rewards package offers benefits, promotes internal equity, and supports team members at all levels of our organization, and includes the following:

- Eligible for an annual bonus based on individual and company performance.
- RRSP Matching to support you save for your future. Effective after you reach 90 days with us.
- Extended Health Coverage. Our benefits cover health, dental, life, disability, and extended paramedical services such as vision care, mental health practitioners, massage, physiotherapy, acupuncture, an employee assistance program and much more.
- Learning and career development opportunities.
- Two (2) weeks' vacation paid out three times per year (4%).
- Company organized social events and celebrations to connect with your team.
- Professional development opportunities and mentorship from experienced scientists and engineers.

## Why Join Us

At Xypex, you'll be part of a globally recognized leader in concrete durability solutions, working in a collaborative and innovative environment. You will:

- Conduct critical QA/QC testing that ensures the reliability of our products.
- Gain hands-on experience with advanced concrete testing and R&D processes.
- Work with a team that values curiosity, learning, and growth.
- Contribute to cutting-edge research that impacts global infrastructure.

## How to Apply

Please send your Resume and cover letter to [recruiting@xypex.com](mailto:recruiting@xypex.com) with the subject line "Lab Technician Application – [Your Name]."

While we appreciate all applications, only those selected for further consideration will be contacted.