

## Laboratory Technician – Cement & Concrete Laboratory

### Xypex Chemical Corporation, Richmond BC

<b>Title:</b>	Laboratory Technician, Cement & Concrete Testing
<b>Employment Type:</b>	Full-time, Permanent, Hourly employee.
<b>Reporting to:</b>	Senior Technical Services Manager
<b>Location:</b>	Richmond, BC, Canada (On-site)
<b>Schedule:</b>	Monday-Friday, 8:00AM – 4:30PM
<b>Department:</b>	Technical Services

#### About Xypex

Xypex Chemical Corporation is a global leader in advanced solutions 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. As we continue to grow, we are seeking a Laboratory Technician to ensure high level of support to our customers and third-party partners in a timely and accurate manner.

#### Position Overview

We are seeking a Laboratory Technician to join our 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.
- Update laboratory mix design performance records in reporting system.
- Ensure lab safety, cleanliness, and equipment maintenance.

#### **Education & Qualifications**

- BCIT degree in Civil Engineering Technician, or BSc in Analytical Chemistry, Material Science, or a closely related field with equivalent experience.
- Minimum 2 years of experience with concrete testing, cementitious materials, 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 laboratory and equipment 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: \$26.50 - \$33.50 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 \$26.50 - \$33.50 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:

- RRSP Matching to support you in saving for your future.
- Generous extended health benefits, including a health spending account.
- Three (3) weeks' vacation paid out three times per year.
- 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:

- Be hands-on with product testing and innovation.
- Work with innovative technology trusted in major infrastructure and commercial construction.
- We are a growing Canadian company with international reach. Your work will directly support better, longer-lasting structures — and you'll be part of a team that is proud of the impact we make.

**Diversity, Equity & Inclusion:**

Xypex Chemical Corporation is committed to bringing together the most diverse perspectives, backgrounds, and experiences because we fundamentally believe that different views and rich contributions from such a mix will make us stronger. We strive to create a workplace that reflects the communities we serve and where everyone feels empowered to bring their full, authentic selves to work.

**How to Apply**

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

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