

BUILDING SCIENCE TECHNOLOGIST

Crosier Kilgour is seeking a motivated **Building Science Technologist** to join our growing Building Science & Building Envelope Commissioning group. You will contribute to assessments, design support, and field investigations related to the performance and durability of building envelope systems. The ideal candidate brings curiosity, strong communication skills, and a passion for understanding how buildings function. This role provides hands-on learning, mentorship, and progressive responsibility as your skills develop.

Job Responsibilities

Building Envelope Assessment & Field Investigation

- Assist with on-site reviews of walls, roofs, windows, curtain walls, waterproofing systems, foundations, and other envelope components.
- Participate in diagnostic testing for air/water leakage, moisture intrusion, thermal performance, and material deterioration.
- Participate in site inspections and troubleshooting of envelope-related issues.
- Coordinate with testing specialists and assist with interpreting investigation data.
- Document field work through clear notes, photographs, sketches, and test results.

Engineering Analysis & Design

- Support the development and detailing of building envelope systems including fenestration, roofing, waterproofing, insulation, and cladding assemblies.
- Assist with thermal and hygrothermal modelling using industry tools and conduct preliminary thermal, moisture, and building performance analyses
- Prepare drawings, specifications, and technical documents under guidance from senior staff
- Apply relevant codes, standards, and best practices for envelope design and existing building performance.

Coordination & Technical Support

- Collaborate with architects, engineers, and contractors to integrate envelope solutions within overall building design.
- Assist with construction site reviews to confirm conformance with design intent, troubleshoot issues, and contractor inquiries.
- Contribute to technical reports summarizing findings and recommendations.

Candidate Requirements

As a member of our team, we expect you to have the following qualifications, with more depth and breadth expected for more experienced applicants.

Education & Registration

- Bachelor's degree in Civil or Biosystems Engineering or Diploma in Architectural or Engineering Technology.
- Architectural or Engineering C.Tech. or eligibility for EGM/CTTAM Membership

Skills & Attributes

- Understanding of basic building science fundamentals, materials, and construction methods.
- Interest in building envelope design, building performance, and on-site investigations.
- Excellent problem-solving skills and attention to detail.
- Excellent written and verbal communication skills.
- Detail-oriented with strong organizational and problem-solving skills.
- Ability to manage multiple projects and work both independently and collaboratively.
- Physically able to conduct field work, comfortable at heights, confined spaces, and site inspections under varied conditions.
- Proficiency in MS Office.
- Experience with AutoCAD and Revit an asset.
- Eligible to work in Canada and obtain government security clearances.
- Valid Manitoba Class 5 driver's license.

JOB DETAILS

Location: Winnipeg
Hours: Daytime Hours,
Monday to Friday
Job Type: Full-time, permanent,
in-office position

COMPENSATION

- Competitive compensation package, including bonuses
- Group Health Benefits
- Pension Matching
- Paid Professional Development
- Paid Professional Association Dues
- Fitness Spending Allowance

Please e-mail your application to careers@crosierkilgour.com.

Although we appreciate all applications, only those short-listed will be contacted for an interview.

Application Deadline: Open