



WSP is one of the world's leading professional services firms. Our purpose is to future proof our cities and environments.

We have over 48,000 team members across the globe. In Canada, our 8,000+ people are involved in everything from environmental remediation to urban planning, from engineering iconic buildings to designing sustainable transportation networks, from finding new ways to extract essential resources to developing renewable power sources for the future.

The excellence we bring to our work and to our workplace has been recognized far and wide. We're among the [LinkedIn Top 25 Companies](#) two years in a row, one of the [Top 100 Sustainable Companies in the World](#) (and among the Top 10 in Canada), and we earned Platinum Elite Recognition through our participation in more than half of [Canada's Top 100 Infrastructure Projects](#).

At **WSP** :

- We value our people and our reputation
- We are locally dedicated with international scale
- We are future focused and challenge the status quo
- We foster collaboration in everything we do
- We have an empowering culture and hold ourselves accountable

ELECTRICAL ENGINEER WINNIPEG

WSP is currently seeking Junior and Intermediate Electrical Engineers to join our growing Building Sciences team, located at our Winnipeg office. This team is part of our Canada-wide Building Sciences practice with over 200 team members working in an integrated practice from coast to coast.

Why WSP?

- A Canadian success story - a company that grew from humble roots in Quebec to a global, multinational powerhouse with over 48,000 employees worldwide;
- Impact the world around you - from the environment to the highways, to the buildings and the terrain, WSP is the fabric of Canada;
- Outstanding career opportunities - we're growing and pushing ourselves every day to be greater than we were yesterday, for our employees, future employees, and our fellow Canadians, we're open to your ideas and trying new things that will challenge the status quo and raise the bar higher;
- A phenomenal collaborative culture and a forward-thinking workforce filled with genuinely good people who are doing humbly important work. Come find out for yourself what it's like to be a part of our journey.

#WeAreWSP

Why WSP Building Sciences?

Building Science encompasses a broad range of scientific and practical knowledge on the design, performance, construction, rehabilitation, maintenance and operation of new and existing buildings.

With buildings being one of the major contributors of greenhouse gases to the environment, working to improve the design and operation of buildings has a positive impact on our environment and our daily lives, especially as most of us live, work and play in a wide range of building types.

Building Sciences deals with key aspects of the building envelope including cladding systems, insulation, air and vapour control, windows and doors, roofing and related systems, and parkade waterproofing to name a few.

Our Building Sciences Mechanical and Electrical practice also deals with many mechanical and electrical systems in existing buildings including from assessments and reporting, upgrading of existing systems, design of new systems, re-commissioning of existing systems and commissioning of new systems.

Building Sciences is a dynamic field where advancement in the knowledge, techniques and practices is always evolving through new technologies and practices. This is a field where your work can support the advancement of improvements to our built environment and have a true impact on the future.

We are involved in a wide variety of projects and you will have the opportunity to gain an ever-growing range of experience not always found in some careers.

WSP Building Sciences has a comprehensive Centres of Excellence (COE) program developing best-practices and providing training and mentoring to all our staff. You will have the opportunity to participate in this program as a member of our Building Sciences team.

Our Building Science team in Winnipeg works as part of an integrated team that also includes project managers, structural, mechanical, electrical and civil specialists that work on a wide array of projects across Western Canada.

In our Winnipeg office we provide Building Sciences services that include:

- Design and commissioning of new building envelope systems and components
- Design and commissioning of new building mechanical and electrical systems;
- Upgrading and recommissioning of existing building mechanical and electrical systems;
- Building Condition Assessments for existing buildings, building envelopes, parkades and sites including mechanical and electrical systems;
- Reserve Fund Studies for condominiums;
- Design of remediation and rehabilitation projects for buildings and building systems of all types; and
- Tender and construction period engineering services to support our design projects.
- These positions may also have the opportunity to work on projects in other provinces both from the Winnipeg office and in the field.

We also provide prime consulting services on a wide range of other building and development projects that provide opportunities to be involved in commercial, industrial and infrastructure projects for a wide range of clients.

This position has great career advancement opportunities for the right candidate.

Reporting to the Director of Building Sciences, this position will work closely with our Senior Mechanical Engineer, Senior Electrical Engineer, Mechanical and Electrical Team members, Building Sciences Engineer and our Building Science Consultants.

RESPONSIBILITIES

- Apply engineering knowledge to tasks on electrical & audit projects;
- Assist senior engineers and technical leads with building condition assessments, evaluations, audits, designs & site reports;
- Conduct construction period site reviews monitoring quality of electrical construction and repairs;

- Liaise with contractors, sub-consultants and engineering disciplines;
- Contribute to the contract administration process on projects;
- Accept responsibility for project tasks, deliverables and outcomes;
- Apply sustainable thinking and practices within project delivery;
- Contribute to the knowledge systems within the building science practice; and
- Other duties as assigned.

QUALIFICATIONS

This position may fit the education and experience of a wide range of candidates. Preferred qualifications include combinations of the following:

- Bachelor's degree Electrical Engineering;
- 1 - 4 (Junior) or 5 - 10 (Intermediate) years of engineering or construction experience in design, consulting, renewal, construction or advisory capacity for building electrical systems; experience with Building Condition Assessment and Reserve Fund Study reporting is an asset but not a requirement;
- Ideal candidates will be currently registered with Engineers & Geoscientists Manitoba (EGM) as an EIT or P. Eng. (or eligible to register), registration in other Provinces is an asset;
- Previous experience in the consulting engineering or construction industry is strongly desired but not essential;
- Exceptional time-management and organizational skills; attention to detail and strong work ethic;
- Strong oral and written communication skills including presentation skills;
- Knowledge of electrical systems and construction processes for new and existing systems.
- Demonstrable skills using AutoCAD; Revit skills advantageous;
- Proficiency with the Microsoft Office suite including Word, Excel, PowerPoint;
- A team player with an entrepreneurial attitude and a desire to work with successful, energetic people;
- Strong at multi-tasking, organized and able to adapt to shifting priorities;
- Ability to travel to project sites within the province and work extended and various hours when required;
- Acceptance and cooperation to work in a respectful workplace environment;
- Experience and training in Workplace Health and Safety protocol and experience in reading and following Safe Work Practices and Procedures an asset; and
- Valid drivers license in good standing. (Abstract may be requested).

TO APPLY

- Visit <https://phe.tbe.taleo.net/phe02/ats/careers/v2/viewRequisition?org=WSP&cws=59&rid=15780>

Offers of employment for safety-sensitive positions involving fieldwork are contingent upon candidates being able to perform key physical tasks of the job as described in the job posting and interview. This may include the ability to work in a variety of environmental conditions, such as remote or isolated areas, working alone, and in inclement weather (within safe and reasonable limits).

WSP welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

WSP is committed to the principles of employment equity. Only the candidates selected will be contacted.

WSP does not accept unsolicited resumes from agencies. For more information please **READ THE FULL POLICY**.