



Wescan Construction Services  
1049 Logan Avenue  
Winnipeg, MB R3E 1P6  
Ph. (204) 786-3384  
Fax (204) 783-2750  
[www.wescan-services.com](http://www.wescan-services.com)

## Job Description

### ***BIM Technician (Electrical)***

#### **Position Overview**

Since incorporating in 1978, our commitment to being a leader in the construction industry has earned Wescan the reputation of providing the highest quality building services for our clients. Wescan has incorporated the use of innovative technologies such as 3D and BIM modelling, precision surveying equipment, prefabrication and design services to offer a comprehensive range of synchronized construction solutions.

The Revit Tech / 3D Modeler position at Wescan is at the forefront of our expanding virtual construction design capabilities. The successful candidate will be interfacing with all aspects of our business through virtual construction design including coordination with design teams and trade contractors. Our process produces 3D electrical drawings for use in planning, fabrication, and installation in the field. We utilize the latest technologies such as Autodesk, Revit, MEP and Navisworks to model the real-world components that field crews will install for our projects. Ongoing professional development is encouraged and supported, including attaining professional designations, diplomas and continuing education.

#### **Qualifications**

- Ability to translate 2D drawings into 3D Building Information Model
- Drafting / 3D modeling experience including AutoCAD, Revit Suite, MEP, eVolve Electrical, BIM360, Trimble Field Points, and Navisworks
- Intermediate working knowledge of Microsoft Office (Word, Excel, Outlook) and BlueBeam / Adobe Acrobat
- Read and understand schedules and scope of work
- Understanding of current construction practices and sequences
- Demonstrated ability to take initiative and proactively address challenges and/or gaps in the VDC process
- Ability to succeed under and meet strict timelines
- Great attention to detail and the ability to creatively solve problems
- Ability to be flexible and work in a fast-paced environment
- Excellent communication, multi-tasking and leadership skills
- Effective English language verbal, written, reading and interpersonal communication skills



- Eligible for Canadian Security Clearance

### **Key Responsibilities**

- Design – Ensure modeling and spooling methodologies are understood and incorporated into design documents
- Review all work for accuracy before handing off
- Clash Detection and Prevention – Analyze the design and identify any clashes. Produce and manage a clash register. Coordinate and run clash detection with consultant and sub trade models.
- Quantity take off – Oversee extraction of key data from the project model to produce a schedule of material quantities to support accurate estimating and production tracking.
- Working with detailers to make their layouts a reality
- Electrical distribution, panels, conduit and cable modeling
- Mechanical pipe modeling
- Basic element creation
- Measuring, dimensioning and rules
- Exporting data
- Complete as-built drawings from RFI's, PCN's and red marked drawings from construction to develop "conformed to construction records"
- Model electrical components using vendor submittals and electrical designs

### **Skills & proficiencies:**

- Administrative skills
- Standard Office Software such as MS Office, Site Docs, Procore
- Communication
- Analysis and assessment
- Planning and organization
- Time management
- Attention to detail
- Accuracy

Applicants should send a resume outlining how they meet the specified qualifications to [careers@wescan-services.com](mailto:careers@wescan-services.com).

While we sincerely appreciate all applications, only those candidates selected for an interview will be contacted.



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NOTE: The Job Description is not all-inclusive. Employee may perform other related duties as negotiated and assigned to meet the ongoing needs of the organization.

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