



Junior Structural Engineer – Job Posting

Burns Maendel Consulting Engineers Ltd. (BMCE) is an innovative and entrepreneurial organization built on the expertise of our team. We are committed to attracting and retaining the best employees to ensure we meet our clients' needs. Our employees enjoy competitive salaries, a health benefits plan, and work within a dynamic environment. BMCE recognizes that the continued success of our firm is dependent upon the capabilities and self-motivation of our team, and therefore encourages and supports the continuous personal and professional growth and development of our employees.

Role: Reports to the Department Head/Project Manager. The Junior Engineer is responsible for completing the project design requirements and working with our technologists to complete the structural and build projects in a timely and cost-effective manner, which meet client, contractual and company requirements. Under the supervision of more experienced staff, consult and work with others regarding the following:

KEY DUTIES AND RESPONSIBILITIES

- As a team member or individually, perform standard engineering duties, which involve judgement as to the methods to be used for completion.
- Prepare engineering designs from conceptual design through to final design, including the preparation of project specifications.
- Prepare tender documents and supervise projects through construction process to final certification under the review of the Structural Department Head.
- Participate with design team members in determining viable solutions for design projects.
- Work closely with the Department Head to obtain new projects by assisting in preparation of project proposals, budgets, and schedules.
- Coordinate design work with other disciplines, sub consultants, clients, and project team members
- Work towards and meet project time lines and budgets.
- Performs other duties as assigned by the senior engineering staff.

QUALIFICATIONS AND REQUIREMENTS:

- Bachelor's Degree in Civil Engineering from an accredited university or equivalent in Engineering and EIT experience. Internship and co-op experience in the engineering field would be considered an asset.
- Preference will be provided to applicants who have completed some or all of the following courses as part of their bachelor's degree: Finite Element Analysis, Steel Design, Concrete Design, Masonry Design, Wood Design, Precast and Prestressed Concrete Design.
- Registered as an Engineer-In-Training with the Engineers Geoscientists Manitoba (EGM).

- Familiarity with and experience using the National Building Code of Canada, and applicable Canadian Structural Codes would be considered an asset.
- Knowledge of programs and software for structural analysis and finite element modeling such as RIZA, S-Frame, STAAD or SAP with preference given to S-Frame would all be assets.
- Strong technical writing, communication, and interpersonal skills with a proven ability to work in a team environment.
- Basic understanding of Revit and AutoCAD and the use of it as a drafting/design tool.
- Ability to participate and collaborate in a project team setting and to engage in creative and critical thought.
- Thorough understanding of structural engineering concepts and ability to effectively communicate ideas to others.
- Ability to interpret sketches, drawings, building program and other similar material.
- Knowledge and experience with Microsoft Office Suite.
- Valid driver's license.

Position Duration: Permanent, Full-Time

Location: Brandon, MB

Rate of Pay: The successful candidate will be remunerated based on skills and experience.

Closing Date: February 25, 2019

Please submit a cover letter, resume with 3 references and your transcripts to:

info@bmce.ca

Reference "Junior Structural Engineer - Posting" in the subject line.

We thank all whom apply, but only those candidates chosen to be interviewed will be contacted.



**1331 Princess Avenue
Brandon, MB R7A 0R4**