

## Mechanical Engineer

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### THE OPPORTUNITY

Our Mechanical Department has an immediate opening for a Mechanical Professional Engineer preferably with experience in Sustainable Design to perform both design and project management duties.

### KEY DUTIES & RESPONSIBILITIES

The ideal applicant should have a minimum of five years of experience in the design and consulting industry, and should have previous experience working with fellow design professionals. Past experience in the fields of institutional, industrial, recreational, and commercial projects would be an asset in fulfilling this position. We seek people who are proud of their work, and who go the distance to ensure both accuracy and on time delivery. In return, we provide excellent opportunities for professional development and advancement.

Key responsibilities include the following:

- Work closely with senior designers, engineers, and other drafting specialists on projects that include ventilation, building services (HVAC, plumbing, and fire protection), process piping, material handling systems, fuel transfer systems, and other mechanical systems;
- Develop mechanical drawings and schedules using AutoCAD and/or REVIT, drawings sets including preliminary, schematic, general arrangement, and detail design tender, and construction drawings for a wide range of clients.
- Visit site to conduct surveys of existing mechanical systems;
- Maintain familiarity with current techniques, industry developments, etc.;
- Actively work at improving current knowledge of mechanical design.

### POSITION REQUIREMENTS

- Membership with an Association of Professional Engineers,
- Proficiency in AutoCAD and Microsoft Office
- Strong communication skills and professional attitude.
- Experience working in design or construction of buildings;
- Good technical, organizational, coordination, and communication skills, as demonstrated through former employment or course work;
- Proficient at reading and interpreting technical specifications, design drawings, and details.
- Demonstrated ability and interest to work as part of a team;
- Desire to develop skills and expand career;
- Willingness to work in the field at project sites as necessary;
- Travel for short durations may be required, and a valid driver's license is an asset.

The following qualifications and skills would be considered an asset:

- 3D Drafting Capability with AutoCAD, Revit MEP;
- Experience in performing energy audits and energy modelling.

Please submit your application in the form of a resume and cover letter to Lorna Nazar, Human Resources (lnazar@towereng.ca). Ensure the letter indicates how you meet the position requirements. We thank all applicants in advance for their interest. Only successful applicants will be contacted.

Tower Engineering is an equal opportunity employer.