



CITY OF TORONTO

Building Engineer – Mechanical

Job Classification Title	BUILDING ENGINEER
Requisition #	2319004 X
Division	Toronto Building
Section	Etobicoke York District & Toronto & East York District
Work Location	2 CIVIC CENTRE COURT, CITY HALL, 100 QUEEN ST W
Job Location	Canada-Ontario-Toronto
Job Stream	Buildings/Facility Operations
Job Type	Permanent, Full-Time
Salary/Rate	\$102,029.20 - \$119,883.40 / Year
Hours of Work (bi-weekly)	70.00
Shift Information	Monday to Friday, 35 Hours per Week
Affiliation	Non-Union
Number of Positions Open	2
Posting Date	06-Feb-2019
Expiry date	27-Feb-2019
Job Description	

To learn more about this opportunity and other career options, you are invited to attend a Recruitment Open House with the City of Toronto. The Toronto Building Division along with and the City Planning Division have joined together to host this exciting event on Wednesday, February 20, 2019, from 5:00 PM to 8:00 PM. The event will take place in the Atrium at the City of Toronto Archives, 255 Spadina Road.

Please note the Salary/Rate (Hourly) reflects the 2018 rates.

Major Responsibilities:

Job Summary:

Reporting to the Manager, Plan Review, the Building Engineer (Mechanical) examines mechanical, fire protection, architectural and electrical plans and specifications for projects submitted by applicants for building and demolition permits, for compliance with Ontario Building Code requirements, other By-Laws and standards, and structural adequacy, and carries out duties in accordance with the Professional Engineers Ontario Code of Ethics and the Professional Engineers Act:

- Examine electrical and mechanical drawings, including architectural, fire alarms, detection and suppression systems to determine compliance with Ontario Building Code requirements, and evaluate alternative proposals, including consultants' reports
- Interpret the requirements of the Ontario Building Code in the area of expertise using good engineering practice and judgements. Provide technical assistance on code interpretations, and degree of compliance indicated by documents and provide solutions to problems

- Manage and prioritize large projects and assignments to ensure effective delivery of services
- Provide supervision to project staff, as required
- Conduct regular meetings with all internal and external stakeholders to provide technical advice on code interpretation to building plans, resolve conflict and provide solutions to ensure compliance
- Liaise with Fire Services, Toronto Water, Planning, & Engineering & Construction Services Divisions, Plan Examiners and Building Inspectors to interpret requirements of the Ontario Building Code, Fire Code, applicable standards and City By-laws, decide on the degree of compliance indicated by plans and specifications, and provide guidance and expertise
- Evaluate reports on alternative solutions to present building regulations submitted by architects, engineers or fire protection consultants in order to determine whether the proposal provides the level of performance required by the Ontario Building Code, based on merit and engineering principles
- Respond verbally and/or in writing to all inquiries from internal and external stakeholders regarding building requirements of the Ontario Building Code
- Conduct site inspections with Building, Heating, Plumbing and Toronto Fire Inspectors to evaluate, investigate and resolve problems of a complex technical nature, including mechanical failures on site
- Provide technical advice and prepare expert witness reports to City lawyers
- Appear and give evidence in court on Building Code and other building regulatory matters and give presentations at the Building Code Commission in matters of disputes over Building Code interpretation
- Prepare written reports, as necessary
- Participate on interview panels, as required
- Develop and implement detailed plans and recommend policies regarding program-specific requirements
- Manage assigned projects, ensuring effective teamwork and communication, high standards of work quality and organizational performance and continuous learning
- Evaluate, make recommendations on, and prepare report on unusual site conditions affecting building systems and design
- Conduct research into specific topics, ensuring that such research takes into account developments within the field, corporate policies and practices, legislation and initiatives by other levels of government
- Provide advice to district and divisional management teams, as requested
- Assist the Plan Review Manager with large and complex projects, and assist in preparation of Conditional Permits, as required.

Key Qualifications:

1. Must be a qualified Engineer as defined by Professional Engineers Ontario, and must be registered with Professional Engineers of Ontario, or licensed as a professional engineer in good standing in another Canadian engineering association, with ability to obtain licence with Professional Engineers Ontario (P.Eng.).
2. Considerable experience as a Building Engineer/Plan Examiner or in mechanical design.
3. Considerable experience applying Ontario Building Code requirements pertaining to one or more of the following disciplines: mechanical, plumbing, or fire protection.
4. Experience with computer applications such as Microsoft Office Suite (i.e. Word, Excel & PowerPoint), Outlook, Amanda and other engineering or architectural software.

5. Must possess, or be able to pass the tests for, the following Ministry of Municipal Affairs BCIN qualification requirements for building officials: General Legal, Building Services, and Plumbing All Buildings.
6. Knowledge and understanding of all aspects of mechanical analysis and design, building construction, building sciences and related legislation.
7. Knowledge of, and ability to apply, the Ontario Occupational Health and Safety Act and Regulations relevant to building construction.
8. Proficiency with electronic markup and review software such as Adobe Acrobat Pro/Standard, or Bluebeam Revu.
9. Excellent verbal and written communication skills.
10. Good interpersonal, problem-solving and conflict management skills.
11. Effective teamwork skills, high standards of work quality and organizational performance, and a commitment to continuous learning and mentorship.
12. Ability to plan, organize and manage work with minimal supervision and complete assigned duties accurately and within timelines.
13. Ability to handle confidential and sensitive information with discretion and tact.
14. Must possess, and be able to maintain, a valid Ontario Class "G" Driver's Licence and access to a properly insured vehicle.
15. Ability to support the Toronto Public Service values to ensure a culture that champions equity, diversity and respectful workplaces.

Certificate of Certified Building Code Official from the Ontario Building Officials Association is an asset.

Equity, Diversity and Inclusion:

The City of Toronto is committed to fostering an inclusive, accessible environment where all employees and members of the public feel valued, respected and supported. We are dedicated to building a workforce that reflects the diversity of the public and the communities in which we live and serve.

Accommodation:

If you are an individual who requires accommodation to apply to this position, due to disability under the Ontario Human Rights Code, please email us at applaccomodation@toronto.ca, quoting job ID #2319004 X and the job title. The City is committed to providing Code-protected accommodation throughout its hiring process. Please visit [Hiring Policies and Statements](#) for further details.

How to Apply for this Opportunity:

Interested candidates must apply online, go to www.toronto.ca/jobs, click on "**Current Opportunities**" and follow the instructions to view, register and apply online. You will only receive confirmation of your application if you apply online.