



Position: Building Code Engineer - Mechanical

Competition Number: 2017-EX-EN-51891399-01

Competition posting date: 2017.08.11

Competition closing date: 2017.09.11

Planning, Infrastructure & Economic Development Dept., Planning Services, Building Code Services Branch
1 Full-time Continuous Position - 35.00 hours/week

Affiliation: CIPP

Salary: \$95,799.34 to \$116,572.82 annually (2016 rates of pay)

Location: Ben Franklin 101 Centrepointe

Category: Current Opportunities

Employment Group: Engineering

Job Summary

The Building Code Engineer is responsible for the development and implementation of building code policies, for the Building Code Services Branch, related to mechanical engineering and design, as well as the management of projects involving specialized mechanical engineering regulated by the Building Code Act and the Ontario Building Code. This includes ensuring the provision of appropriate guidelines to staff and clients related to plans examination, permit approval and building inspection services as well as evaluations of contract services related to the preceding activities pertaining to the mechanical aspects of buildings. This includes appropriate code-related design review and inspection services associated with proposed new development, renovation and rehabilitation of existing buildings.

The Code Engineer is also responsible to provide expert professional advisory services to management, branch technical staff and clients with regard to mechanical design matters and the administration of the Building Code and referenced design standards pertaining to the examination of plans and specifications submitted in support of permit applications and for field review of construction and the assessment of existing buildings.

Education & Experience

Graduation from a recognized University with a Masters in Civil Engineering with specialization in building mechanical systems.

Minimum of ten (10) years of progressively responsible experience in all phases of mechanical design, Building Code enforcement, construction and inspection of new buildings and the evaluation and rehabilitation of existing structures including project management.

*Experience and formal training combined with demonstrated performance and ability may substitute for stipulated academic requirements.

Language, Certificates & Licenses

Must be a registered Professional Engineer of Ontario (P. Eng).

Eligible to attain the standing of a Certified Building Code Official (C. B. C. O.) in the Ontario Building Officials Association

Within a reasonable amount of time, must have successfully completed the provincially mandated



examination program administered by Ministry of Municipal Affairs and Housing relating to:

Building Code Act and the Ontario Building Code, and in the categories of qualifications that correspond to the types of buildings that will be inspected (reviews of drawings and inspection of construction), including plumbing and mechanical, as set out in the Ontario Building Code

A valid Ontario unrestricted "G" class driver's license (or provincial equivalent) with no more than 6 demerit points accumulated.

English oral, reading, writing

Knowledge

- Extensive knowledge of:
 - mechanical engineering theory, design and practices
 - the National and Ontario Building Codes, referenced documents and standards relating to mechanical engineering and design
 - mechanical design computer programs
 - professional practice and ethics
 - technical aspects of the regulations, including design factors and criteria, application of concepts such as building occupancy classifications, construction types, fire walls and fire separations, fire resistance ratings, fire protection, etc.
- Sound knowledge of computer software applications - Micro soft office suite, etc.

Competencies & Skills

- Demonstrated ability to analyse complex building designs.
- Demonstrated ability to advise expertly on the Building Code and regulations and on the impact of these controls on large building construction projects
- Demonstrated ability to read and interpret plans, specifications, codes, by laws and regulations is necessary
- Demonstrated ability to communicate effectively with tact and diplomacy, and exercise good judgement, both verbally and in writing, with all external and internal work related contacts
- Demonstrated ability to work with the public, in a service oriented environment
- Ability to appear as a professional witness or provide expert opinion before the courts or similar legal proceedings or tribunals
- Sound knowledge of professional and technical practice in all disciplines of the design and construction of buildings
- Experience in performing effectively in a detail oriented environment, requiring a high degree of personal organization and accountability
- Demonstrated ability to work under limited supervision
- Perform effectively in a detailed-oriented environment, requiring a high degree of personal organization and accountability
- Demonstrated ability to exercise judgement and decision making in determining and initiating appropriate action to resolve problems in a highly complex technical environment consistent with city policy
- Demonstrated proficiency in utilizing Microsoft suite, which meet corporate standards including GIS/MAP
- Apply the principles of project or contract management
- Understanding of municipal government structure and sensitivity to the role of municipal government
- Ability to meet physical demands as assessed (Physical Demand Checklist available on request)

*If this opportunity matches your interest and profile please apply online by using the "**Apply**" button. If this is your first online application please refer to our resources on how to apply for jobs online.*



We thank all candidates for their interest, however, only those selected to continue in the selection process will be contacted.

The City of Ottawa is committed to providing quality services by establishing a qualified workforce that reflects the diverse population it serves. The City encourages applications from all qualified individuals.

Accessible formats and communication supports are available upon request. Please contact the HR Service Centre at 613-580-2424, extension 47411.