



## PLANS EXAMINER (MECHANICAL/PLUMBING) 9 - MONTH CONTRACT

JD#: CT27

Job Number: J0323-0179

Job Title: Plans Examiner (Mechanical/Plumbing) 9 - month Contract

Department:

Building Standards Department

Job Type: Contract

Job Category: Building Inspections

Number Of Positions: 1

Date Posted: January 8, 2024

Closing Date: January 22, 2024

Salary: \$3,281.19 - \$3,530.42/Bi-Weekly

Hours of work: 35

Schedule: Monday to Friday

Union: CUPE 905 FT Clerical and Technical

Contract Duration: 9 -months

Vaughan is one of Canada's fastest-growing cities. Its emerging downtown, the Vaughan Metropolitan Centre; Canada's first smart hospital, the Cortellucci Vaughan Hospital; and the 900-acre North Maple Regional Park continue to generate momentum and excitement. Be part of something amazing and build your career at the City of Vaughan!

The City is an equal-opportunity employer and a forward-looking municipality that is committed to fostering a dynamic workplace that is diverse, inclusive and welcoming. As an award-winning organization for its employment and diversity and inclusivity practices, the City is focused on providing its employees with a thriving professional environment that leverages flexible work arrangements, a family-focused benefits package emphasizing work-life balance, learning and growth opportunities, and a place where collaboration and teamwork are valued.

Excellence demands brilliant personalities, visionary thinking and a passion for public service. Vaughan is your place to grow.

### Position Overview

Responsible for the examination and analysis of building services, on-site sewage systems, mechanical and plumbing drawings, specifications, calculations and reports for compliance with the prescriptive provisions of the Building Code Act or Building Code, as amended, related regulations and applicable laws for the purposes of issuing building permits. Evaluates the Energy Efficiency designs of the building mechanical systems and verifies all submitted forms, energy modeling reports and calculations to be compliant with Building Code Act or Building Code, as amended. Provides assistance/expertise and code interpretations to the public, developers, builders, design professionals, etc., and liaises with department staff, internal departments and external government/private sector agencies, where required. Performs HVAC, plumbing, and site services design review and evaluation of calculations as related to all type of building system's designs. Calculates plumbing fees. As directed, performs joint site inspections as construction relates to approved alternative solution. Responds in a timely manner to enquiries and researches and prepares reports as required, include those associated with alternative solution proposals.

### Qualifications and Experience

- University Degree in Mechanical Engineering or suitable equivalent.
- Minimum three (3) years related experience in design, engineering and construction of mechanical building systems, HVAC, plumbing systems, on-site sewage systems and/or fire protection/life safety systems in a municipal or the built environment.
- Successful completion of a combination of the following provincial mandated examination program administered and authorized by the Ministry of Municipal Affairs relating to the Building Code Act and the Building Code in the categories of qualifications set out in the regulation as follows:
  - General Legal/Process
  - Powers and Duties of CBO
  - House
  - Small Buildings
  - Large Buildings
  - Complex Buildings
  - HVAC-House

- Detection, Lighting and Power
- Building Services
- Building Structural
- Plumbing-House
- Plumbing-All Buildings
- Fire Protection
- On-site Sewage Systems Eligibility for or full membership in Association of Professional Engineers of Ontario (P.E.O.).Eligibility for attaining the Standing of a Certified Building Code Official (CBCO) and remain certified. Thorough working knowledge of pertinent legislations and regulations, including but not limited to requirements of the Building Code Act or Building Code, as amended, and Applicable Laws, National Building Code, Model National Energy Code of Canada for Buildings, National Farm Building Code, Ontario Fire Code, National Fire Codes (NFPA Codes, Standards, Recommended Practices and Guides), ASHRAE Standards and Handbooks, and any other applicable Laws, Acts or Statutes. Fundamental knowledge of design requirements as related to mechanical building systems and services, as well as controls and instrumentation principles and processes.
- Ability to interpret site services, plumbing, HVAC and mechanical design drawings and specifications for buildings, and their component parts.
- Ability to review and interpret the output report of EnerGuide, eQuest and MNECB software and the CSA -F280 supplemental tools.
- Proficient records management skills with a thorough working knowledge of database management applications and other relevant software applications.
- Solid knowledge and understanding of Health and Safety regulations.
- Excellent analytical, report writing, verbal communication, interpersonal and time management skills. Ability to interact and communicate effectively and courteously with the public, and staff while effectively functioning independently in a team environment.
- Possesses a valid Class "G" Driver's License, be in good standing with access to a reliable vehicle for corporate business or the ability to travel safely and efficiently as required on City business.

We thank all applicants for their interest; however, only those selected for an interview will be contacted. Please be advised, the City of Vaughan uses email to communicate with applicants for open job competitions.

The City of Vaughan is committed to diversity and inclusivity in employment and welcomes applications from qualified individuals of diverse backgrounds. The City of Vaughan is also committed to providing accommodations for people with disabilities. If you require an accommodation, we will work with you to meet your needs.