

Job Posting

Edmonton

Fire Protection Engineer Job Number: 50283

Please submit applications to: <https://recruitment.edmonton.ca/job/50283/Fire-Protection-Engineer>

Unique career opportunity with Edmonton Fire Rescue Services, as a Fire Protection Engineer!

This leading edge, internationally accredited Fire Service seeks a dynamic, forward thinking professional with a passion for Public Service from a fire safety perspective.

As a Fire Protection Engineer, you will provide expert fire protection and technical advice to the Fire Chief, Deputy Fire Chiefs, and Assistant Deputy Chiefs within Fire Rescue, City departments, other professional engineers, builders, and general public based on your engineering experience and judgment. You will represent the Branch as a Fire Industry expert in various Municipal, Provincial and National working groups and committees, and carry out special projects as assigned.

What will you do?

- Interact with the Planning and Development Branch on construction, renovation, and maintenance of existing or new structures and subdivision design
- Review engineering components and proposals to ensure that Fire Rescue's requirements from a public safety perspective are met Interpret Fire Codes, recommend ways of minimizing fire safety concerns, research special conditions, and develop reports
- Develop and evaluate alternate processes and guidelines that are safe and practicable by using strong engineering principles when a Fire Code cannot be completely met
- Review proposed updates to building and fire codes, regulations, standards and bylaws and prepare comments that support or oppose these updates after evaluating their effects on fire safety and protection
- Provide technical expertise and information to other Fire Services areas on equipment, materials, procedures, and regulatory requirements through research and analysis that support the decision making process
- Liaise with Fire Investigations area to provide technical support
- Perform other responsibilities as assigned by the Fire Chief

Learn more about the City of Edmonton's Fire Rescue Services Branch by visiting:
http://www.edmonton.ca/city_government/city_organization/fire-rescue-services.aspx

Qualifications:

- Bachelor's Degree in Engineering, Fire Protection, Mechanical, or Civil discipline from a recognized university
- At least 7 years experience in regulatory development and application, specifically standards relating to fire and life safety
- Must be a Professional Engineer (P.Eng) in good standing and registered with APEGA. Applicants in a different Canadian jurisdiction eligible for Inter-Provincial Mobility (IPMA) with APEGA may be considered. Registration with APEGA must be obtained prior to commencement of employment

Asset:

- Good understanding and application of other engineering analysis tools

Skills required for success:

- Experience in the application of the National Building and Fire Codes, Alberta Edition, with demonstrated ability to conduct/complete alternative solution analysis
- Experience in interpreting and applying codes, standards, and guidelines from NFPA, SFPE, NIST, UL, NRC, FM Global, IBC, IFC, and other international bodies
- Expert level of understanding and application of codes and regulations used in the Fire Protection Engineering industry, both locally and internationally
- Ability to apply Fire Protection Engineering principles to solve complex technical problems relating to building fire safety performance
- Alignment to our Cultural Commitments and Leadership Competencies (<https://bit.ly/4brRrXm>)
- Embracing a culture of equity, diversity, reconciliation and inclusion

Conditions of Employment:

- Valid Alberta Class 5 driver's license (or provincial equivalent). Applicants will be required to arrange their own transportation for this position and where appropriate will be reimbursed in accordance with City of Edmonton policy. This may require you to obtain business-use auto insurance
- Applicants may be tested

Work Environment:

- Management and Out-of-Scope positions at the City of Edmonton are being reviewed for possible inclusion in the Civic Service Union 52 bargaining unit. If this position is impacted, the incumbent will be notified accordingly
- This position may be eligible for a **hybrid work arrangement** with the flexibility to work from both home and the worksite

The City of Edmonton values applicants with a diverse range of skills, experiences and competencies, and encourages you to apply. We strive to provide reasonable access and accommodations throughout the recruitment process. To request an accommodation, please contact employment@edmonton.ca. Learn more about our benefits <https://bit.ly/COEbenefits>

Up to 1 permanent full-time position

Hours of Work: 36.9 Hours per week

Salary: \$92,925 - \$132,751 (Annually)

Recruitment Consultant: AO/SG

Classification Title: PE3 - Mechanical Engineer

Posting Date: Jul 26, 2024

Closing Date: Aug 9, 2024 11:59:00 PM (MDT)

Number of Openings (up to): 1 - Permanent Full-time

Union: Management

Department: Fire Rescue Services

Work Location(s): Station 1 (Fire), 10351 - 96 St Edmonton T5J 3R8

Visit www.edmonton.ca/careers for information on how to apply