**Safety Engineer**

Requisition ID: 2064

Department: Transit Services Department

Service: Safety, Regulatory, Training & Development Service

Branch: Safety Standards, Investigation & Reporting Branch

Employment Type: 1 Full-time Permanent Position;

1 Full-time Temporary Position (up to 3 years)

Work Hours: 35.00 /hours per week

Affiliation: MPE

Salary Information: $84,020.30  - $106,260.70  annually (2019 rates of pay)

Location: Transit Service, 1500 St.Laurent

City: Ottawa, ON

Job Category: Engineering; Transportation

Application Close: 28/03/2022

**JOB SUMMARY**

The mandate of the Safety, Regulatory, Training and Development Service is to provide training and development, safety and compliance, and quality and continuous improvement of bus, para transit and light rail services. Services and programs include appropriate safety and job training for transit employees, and compliance with legislation and regulation, and implementation of safety standards to protect employees and the general public.

You are responsible for taking a lead role in providing professional engineering advice and expertise regarding a variety of Transit safety and regulatory issues. This can include but is not limited to safety of: Transit fleet, facilities, electrical safety, rail operations and occupational health hygiene. Responsible for undertaking studies, audits, projects, and responding to investigations and resolution of Transit’s diverse needs. Participates in branch strategic planning as a key member of the Safety Standards Investigation and Reporting unit.

You will provide technical support, technical review of submissions, root cause analysis, assist with investigations, and technical writing of reports. In addition, you will also represent the branch on technical committees and project teams to provide engineering expertise to discuss and resolve issues on projects internal and external to the department that may impact the operational requirements of OC Transpo. You are also responsible to ensure that the operations and facilities of transit services comply with safety regulations and standards.

**EDUCATION AND EXPERIENCE**

A four (4) year university degree in Engineering is required. Preferred fields include: Mechanical, Systems, or Electrical Engineering.

A minimum of five (5) years of progressively responsible experience in railway or mass transit relating to fleet safety, electrical safety, engineering, rail operations, or facilities maintenance. Experience in project management is considered an asset.

**CERTIFICATIONS AND LICENCES**

Licensed Professional Engineer (P.Eng.) with Professional Engineers Ontario (PEO)

**KNOWLEDGE**

* Relevant federal, provincial, and municipal regulations, legislation, and policies
* A working knowledge of passenger railroad / transit operations railway industry procedure and practices with a focus on urban transit systems
* Project management techniques and practices associated with the planning, documentation and monitoring of systems engineering activities
* Systems engineering and technical assurance Risk identification analysis and mitigation
* Occupational safety and risk management; familiarity with qualitative and quantitative electrical risk assessment
* Risk Assessments
* Engineering Safety Management
* Electrical Systems
* Possess general knowledge of the Corporation, departmental business requirements, policies and organizational structure, and legislative environment of the work location
* Knowledge of Microsoft Office, Excel, general Internet, electronic communication, and computer software applications/data base management specific to the relevant work location.
* Knowledge of applicable health and safety legislation, including the rights and duties of workers

**COMPETENCIES, SKILLS AND ABILITIES**

* Strong leadership, interpersonal skills
* Analyze issues and problems within a team to develop realistic and innovative solution to problems
* Strong planning, facilitation, analyst, coordination to achieve continuous improvement
* Build effective relationships through partnering and collaboration
* Proven ability to execute projects and achieve measurable benefits
* Ability to influence higher level manager and peers
* Work well in team environment
* Perform tasks with minimal supervision
* Plan, organize, and implement work groups

**WHAT YOU NEED TO KNOW**

* Language Requirement: English oral, reading, writing
* Driver’s License Requirement: This position requires the successful candidate to use their own transportation.
* Experience and formal training combined with demonstrated performance and ability may substitute for stipulated academic requirements.
* Please save a copy of the job poster. Once the closing date has passed, it will no longer be available.

We wish to thank all applicants for their interest and effort in applying for this position. Only candidates selected for interviews will be contacted.

The City of Ottawa promotes the principles of diversity and inclusion and adheres to the tenets of the Canadian Human Rights Act and the Ontario Human Rights Code. We encourage applications from women, people with disabilities, Aboriginal peoples and persons of all races, ethnic origins, religions, sexual orientations, and gender identities and expressions.

The City of Ottawa provides accommodation during all parts of the hiring process, upon request, to applicants with disabilities. If contacted to proceed to the selection process, please advise us if you require any accommodation.

**The City of Ottawa has a Mandatory Vaccination Policy which requires all employees to be fully vaccinated against COVID-19 and provide proof of vaccination as a condition of employment.**

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