Enjoy a Career in Rail Safety

Transport Canada directly contributes to the safety and security of Canadians on a daily basis. Rail Safety is responsible for strengthening the regulatory framework and overseeing the administration of regulations to support the safe and secure conduct of all railway activities under the federal umbrella. As part of the Operations Management team of Rail Safety in Head Quarters-Ottawa, you will work with engineers involved in every aspect of rail transportation, including the equipment, infrastructure, and any new innovative engineering fields on the horizon. In addition to these tasks, working in regional offices (i.e. Montreal or Toronto) will involve performing hands-on activities in the field, such as inspection duties. As a Rail Safety team member, you will interface with industry and key stakeholders including, Canadian Pacific Railway (CP), Canadian National Railway (CN), VIA Rail and our American counterpart, The Federal Railroad Administration (FRA). When you join Rail Safety, not only will you be trained to become a Railway Safety Inspector, designated under the *Railway Safety Act*, you will also be provided with powers only a few handful of people have in this country.

The Rail Safety teams in the Ottawa, Toronto and Montreal offices are currently seeking to fill a range of engineering positions in diverse portfolios related to structural and infrastructure fields (bridges, culverts, grade crossings, etc.). We are also looking forward to recruiting engineers with knowledge or experience in the design and application of communication protocols between vehicles (road and/or rail), traffic management principles (traffic signals and/or railway signals, PTOE accreditation), and train control systems, such as Positive Train Control (GPS, radio-telecommunications, remote activation).

Testimonial:

Hi, my name is Jay Rieger and I am the Chief Engineer for rail grade crossings and signals within the Rail Safety Program. As a mechanical engineer, I've grown within Transport Canada. I joined the federal government in 2001, as a junior engineer, working on vehicle safety, from collision investigations, crashing cars, to research and development of regulations and standards to improve vehicle safety. My skills for regulatory development brought me to the Rail Safety Program in 2012, where I was lead engineer on the development of the 2014 *Grade Crossings Regulations*. If you're interested in seeing what this is all about, you can see me speak about safety at grade crossings on Transport Canada's website at http://www.tc.gc.ca/eng/railsafety/video-rail-grade-crossing-991.html. As an engineer, working for Transport Canada, I have had the opportunity to always feel I was making a difference by working on a multitude of regulatory files. If you're looking for empowering and meaningful work, I wouldn't hesitate recommending a career with Transport Canada.

As a rail safety engineer:

You will play a direct role in advancing safety on the rail transportation system in Canada and will work firsthand on standards and technical advisory material that creates the basis upon which rail safety is improved. As a rail safety engineer in the Ottawa office, you will lead the development and dissemination of direction and expert advice to teams of engineers in the five regions that deliver its mandate to improve safety of the rail network. Rail Safety has hands-on engineers in BC, MB, SK, AB, QC, ON and the Atlantic provinces. In addition, the engineers in the regions also perform inspection duties to keep a pulse on safety performance of the Canadian rail network. The exciting files being proposed that are on Rail Safety's immediate horizon include VIA's plans to introduce its High-Frequency Rail service along the Quebec-Windsor corridor and the Caisse de Depot et Placement du Québec's plans to complete its Reseau Electrique Métropolitain, which will be the largest public transportation infrastructure since the Montréal metro.

Salary ranges per level (under revision) – and benefits:

Engineer level 2: $63,028 to $72,050

Engineer level 3: $77,247 to $93,862

Engineer level 4: $90,395 to $105,427

Engineer level 5: $103,807 to $121,348

Engineer level 6: $115,793 to $134,429

Career opportunities:

While Transport Canada provides opportunities for engineers between levels 2 and 6, the majority of vacancies within the Rail Safety family are for "Senior Engineer", level 4 and will serve as a benchmark for consideration. Candidates with less experience could be considered for levels 2 and 3, and more experienced engineers could be considered for levels 4, 5, and 6 as appropriate. The following are some engineering positions we are looking to fill:

- *Senior Engineer – Bridge infrastructure*
- *Senior Engineer – Railway infrastructure*
- *Senior Engineer – Communications (Signals and Communications)*

Presently, these opportunities are for the Ottawa, Toronto and Montreal offices.

Is this career right for me?

Joining our team will provide you with the opportunity to work with colleagues from a multitude of specialties and engineering fields. In addition to technical skills, our engineers have well-rounded qualities that can be applied both in the office and in the field. These include strategic thinking, good

judgement and strong writing skills. You will continue to grow these skills in a competent, applied setting and see the direct results of your work with the rail industry and the Canadian public.

New technologies and novel means of demonstrating compliance create an environment where continuous learning and adapting is an integral part of the job. Rail Safety encourages on-going professional development and supports career progression of its employees.

While working with the industry to establish and maintain safety standards, you will have the opportunity to be an integral part of the evolution of Canada's transportation system. The meaningful work you conduct would have a direct, tangible impact for Canadians.