

Process Engineer

Driven by technology and fuelled by innovation, HSB is Canada's premier specialty insurance and applied technology services provider. Offering 150 years of technical and service excellence, we are focusing on emerging trends and unlocking new opportunities for clients. Today, we are accelerating, changing the future of insurance and risk solutions, for a modern world.

At HSB, we value the strengths and contributions of our diverse workforce. We offer continuous learning opportunities, giving you the flexibility to grow in your career while enjoying a healthy work-life balance and a collaborative approach in our coast-to-coast network of offices. Become part of a rewarding and impactful workplace experience while seeing first-hand technologies and risk solutions that are changing the way we live and work.

HSB is much more! It's insurance. Engineering. Technology. To learn more about us, please visit: www.hsb.ca.

Primary Objectives

HSB Canada's Head Office Engineering Department (HOED) is our center of competence for technical consultancy and risk assessment of highly exposed risks across North America. Our multi-disciplined team of experienced engineers assesses operational risks, equipment breakdown, and inherent hazards across a multitude of industrial processes. Our expertise supports our Underwriters, Claims Adjusters, Brokers, and Insureds in quantitatively assessing risk and recommending meaningful loss control practices. We are looking for a self-directed Engineer with strong analytical skills and attention to detail to join our team as a Process Engineer. This position reports to the HOED Engineering Manager and is responsible for managing and leading HOED's engineering & standards obligations, data analytics, project implementation, process mapping, and QA/QC work.

Although prior insurance experience would be an asset, we welcome professionals from the broader engineering industry to consider a transition to the Insurance Engineering space. If you are a seasoned professional, such as a process engineer, chemical engineer, project engineer, QC engineer (or similar/mix), then this position could be a fit for you.

Job Responsibilities:

- Upkeep of HSB's Engineering Standards in line with required review cycles.
- Prepare detailed loss estimates (cost to repair/replace estimates) for mechanical and electrical equipment and operating systems based on market and industry intelligence, internal data, and engineering expertise and judgment.
- Buildout and maintenance of standard engineering tools and templates.
- Contribute to the growth, improvement, and instruction of intellectual capital through the development of technical articles, educational tutorials, and technical bulletins.

- Work collaboratively with HSB Engineering, Underwriters, Inspections and Claims, and HSB US counterparts to ensure value-added work is completed on time and with technical due diligence.
- Comprehensive data analysis of equipment breakdown occurrences, losses, and claims to identify commonalities and trends.
- Create and maintain dashboards and reports to support management activities.
- Support the development, upkeep, and improvement of department SOPs' through business process mapping, data analytics, and application of continuous improvement methodologies.
- Supporting department quality management system by performing routine QC tasks, internal quality audits, and analytics of quality data.
- Lead the execution of internal initiatives and projects including planning, implementation, monitoring, controlling, and reporting.

Qualifications:

- Bachelor's degree in Chemical / Mechanical Engineering or equivalent,
- At least 5 years of experience working within the engineering field with exposure to process design, data analytics, and project management, (or similar/mix),
- At least 1 year of experience in cost estimation,
- Experience in at least one of the following industries: power, mining, chemical, nuclear, oil & gas, or manufacturing,
- Broad exposure and knowledge of different equipment types and technologies is considered an asset,
- Proficient in building and enhancing simple IT tools and systems based on the Microsoft Environment (such as SharePoint, Power BI, Excel, MS Word, etc.),
- Exposure to Quality Management functions and processes is considered an asset,
- Working knowledge of continuous improvement methodologies and process improvement,
- Ability to read and understand engineering drawings and technical documents,
- Strong analytical skills and attention to detail,
- Excellent oral, presentation, and written communication skills.

Creating and maintaining a work environment that promotes respect, diversity and dignity is important to us. We strive for equality in our workplace, to eliminate employment barriers, and promote a workplace based on principles which align with our company values and promote positive employee practices.

Candidates requiring accommodation during any stage of our selection process should advise us of this; we will strive to work with individuals to find a suitable means to meet their needs.

If you are interested in applying for this position, please quote Job Reference **PENG-0224** and please click the link: [Apply here](#).

We thank all candidates for their interest; however only those selected for interview will be contacted.