

ENGINEER

MODELLING AND ANALYSIS OF FIRE SYSTEMS

Founded in Québec in 1986, **TECHNORM**, is an **established reference** in construction codes and standards, specifically in regards to **fire safety**, **accessibility** and **regulations compliance**. Our company, thanks to decades of experience, has been developed around a clear mission: to offer trustworthy **innovative**, and **rigorous technical services** adapted to the realities of the industry.

Since its acquisition from **J.S. HELD**, a **global** consulting firm that combines technical, scientific, financial, and strategic expertise to serve a large base of clients, **TECHNORM** benefits from a **worldwide network of specialists** and a unique synergy between its departments. **J.S. HELD**, founded in 1974, is renown for its **multidisciplinary approach** and its commitment towards excellence in the fields of engineering, construction, environment and risk management.

When working at **TECHNORM, A PART OF J.S. HELD**, you join a multidisciplinary team of engineers, architects, professional technologists and an experienced training team.

TECHNORM, A PART OF J.S. HELD is looking for an **engineer** to work in **fire modelling** and **fire systems analysis** who would join our team of Codes and standards – Fire safety at the **Montreal office**.

YOUR DAILY CHALLENGES:

- Dive into regulations: Analyze **regulatory requirements** related to fire safety, means of egress, and heat transfer, and ensure an accurate and precise application in every project.
- Use your technical experience to its full potential: Write **clear**, **detailed**, and **rigorous reports** based on field investigations.
- Lead your projects: **Manage complex client files**, ensure close follow-ups, and maintain client satisfaction at every stage.
- Be a pillar of reference: **Support** clients and colleagues in interpreting and applying standards daily.
- Ensure compliance: Carefully verify that each project **complies** with correspondent **codes** and **regulations**.
- Go on-site: Conduct technical drawings to evaluate distances in existing buildings or active construction sites.
- Perform **structural fire calculations**: Assess the fire resistance of load-bearing elements.
- Analyze architectural concepts and existing building conditions: Understand the physical and functional constraints specific to each project.
- Evaluate system performance: Propose **alternative solutions** tailored to safety and compliance objectives.

- Act efficiently: Respond quickly and professionally in cases of **non-compliance** or technical issues.
- Work as a team: **Collaborate** closely with other experts to solve the most complex technical challenges.

DO YOU HAVE...

- a master's degree in fire protection engineering?
- experience in fire protection systems design, for analytic purposes (an asset)?
- a membership to the *Ordre des ingénieurs du Québec* (an asset)?
- a vehicle and a valid driver's license to be mobile (an asset)?
- proficiency in French and English (an asset to communicate with some of our clients)?

We welcome applications from recent graduates wishing to acquire professional skills in fire protection design and modelling.

HERE, WE VALUE...

- fulfilled employees, thanks to a good work-life balance, **35-hour work weeks**, flexible hours, and a **remote work policy** including one (1) office day per week;
- well-paid employees, thanks to **competitive annual salaries** and a reimbursement program including the Flex-Work Allowance and other incidental expenses;
- energized employees, thanks to **time off during the holiday season** and a generous vacation policy starting at hire;
- healthy employees, thanks to a **comprehensive group insurance** plan and a reimbursement program for **physical activity** expenses;
- employee-contribution retirement programs, such as the **VRSP** and the **FTQ RRSP+**;
- qualified employees, thanks to a **professional development program** with ongoing training tailored to individual needs;
- happy employees, thanks to a stimulating and motivating work environment and a **Social Club** that organizes **group activities** throughout the year.

Do you want to learn more about our team, the position, and our work environment?

Send us your resume to INFO-RH@TECHNORM.CA. We'll be happy to discover your talents and connect with you!