



<https://en.dphv.ca/job/structural-engineer-fabrication-and-construction/>

Structural Engineer – Connexions, Fabrication and Construction

Description

Are you the **steel structure expert** we're looking for?

DPHV is a specialized consulting engineering firm that has been providing professional and technical expertise in structural engineering for over thirty years. Our team's experience and know-how have earned us an excellent reputation in the industry. In other words, we offer the technical agility of a large firm, but the flexibility and humanity of an independent firm! When you join our team, you get the best of both worlds!

This job opportunity is for our **Terrebonne OR Laval office**.

Your **advantages** in joining our team :

- Salary commensurate with your professional experience on an hourly basis – so every hour worked is paid or can be taken as additional time off
- Annual leave and sick leave;
- Flexible working hours to reconcile work and personal life;
- Group insurance program including life insurance, short- and long-term disability, drug and paramedical care and travel insurance for you and your family;
- DPSP program – employer-sponsored plan that allocates a portion of company profits to employees through a registered savings plan;
- Remote working policy with equipment reimbursement program;
- Stimulating work environment;
- Ongoing training program;
- Career development opportunities – coaching and mentoring program;
- Reimbursement of professional dues;
- Social activities organized throughout the year;
- Jeans Friday every day;
- Free on-site and/or nearby parking.

Your **main responsibilities** :

The structural engineer will be actively involved in the design and dimensioning of complex steel structure assemblies and engineering structures, as well as in the design of temporary structures to stabilize frameworks under construction, following careful analysis and development of an assembly sequence. You'll be involved right from the start of a manufacturing project, assisting in the design of assemblies, coordinating models, drawing up plans, and providing manufacturing and site assistance during erection of the structure. Versatile by nature, the structural engineer must be able to organize his or her work well in order to manage the many mandates entrusted to him or her.

- Carry out structural design and analysis, as well as connection calculations, in compliance with required codes and standards.
- Assist and supervise the team of technicians in the preparation of plans, specifications and manufacturing drawings (shop drawings).
- Verify shop and erection drawings for approval, production start-up or installation
- Assist steel fabricators with technical support for steel fabrication and fabrication sequencing of high-complexity structural members
- Assist in the design of structural steel erection sequences, the design of temporary stability elements and the sizing of lifting devices used in structural erection.
- Write technical reports and letters;
- Carry out structural inspections or work supervision;
- Participate in the implementation and improvement of innovative methods and tools, thus contributing to process optimization.
- Participate in the company's research and development activities;

Hiring organization
DPHV

Employment Type
Full-time

Job Location
Terrebonne

Date posted
9 September 2024

Your **qualifications** :

- Bachelor's degree in civil or building engineering, structural option
- Master's degree in structure (asset)
- Member in good standing of the Ordre des ingénieurs du Québec (OIQ)
- Minimum of 3 years' relevant experience
- Knowledge of Sap2000, ETABS, SAP and SAFE software
- Knowledge of Tekla modeling software (an asset)
- Valid ASP card

Your **profile** :

- Strong interest in structural calculations (design) and engineering
- Intellectual curiosity, desire to learn
- Fluency in French (oral and written)
- Fluency in English (oral and written) – as many of our customers are located in U.S.A.
- Excellent management of time and priorities
- Team spirit, attention to detail and organizational skills
- Excellent knowledge of Excel and interest in improving automated calculation tools

The experience, dynamism and know-how of our team members create an environment conducive to learning, and the contribution of each individual enables us to imagine and design solutions that are adapted, concrete and innovative to our customers' various projects. Join our passionate team!

An idea, a plan...a CAREER!

Does this challenge stimulate you? Send us your application without delay by clicking on the "apply" button, by sending us an e-mail at dphv@dphv.ca or via our job module on our website at www.dphv.ca.

Thank you for your interest in DPHV. However, only selected candidates will be contacted.

Job type: permanent, full-time