



## Mechanical Engineer

EFI Engineering has a proud history of delivering high impact engineering to Eastern Ontario and Northern New York. For the past 30 years, our strong team of engineering professionals have been providing top notch service to our industrial partners as well as helping to create profitable commercial spaces. Our clients range from start-ups to Fortune 500 companies.

As a member of our growing team, you will be responsible for the design of new machines, industrial processes, building systems, control systems, energy management and much more.

In the role of Mechanical engineer, you will be involved with the full range of engineering specializations including Civil, Structural, Electrical and Project Management. Your knowledge and experience will assist you in the field during site visits and construction management tasks. Advanced technology skills such as 3D-Modelling, engineering simulation and thermal modelling software will be called upon, as well as the troubleshooting and reverse engineering of legacy industrial processes.

We're looking for an organized team player who is up for a challenge, can deliver results, and can have fun while doing it.

### Responsibilities

- Develop technical solutions for Commercial and Industrial Clients: Machine Design, Piping systems, Guarding, Motion control, Mixing processes, P&ID, HVAC Design & Analysis, Pressure Vessel Design, Explosion Proof Systems, Fire Protection
- Manage Projects from proposal to construction
- Analyse and review mechanical and electrical designs and drawings
- Problem solve efficiently and effectively
- Collaborate with various regulatory agents (eg. City of Ottawa or TSSA) to find solutions that meet the requirements of the various codes and standards and limit or reduce costs to the client.
- Coordinate and manage the tasks of the larger team of design professionals

### Requirements

- Bachelor's degree in Mechanical Engineering
- Licensed Professional Engineer (P.Eng.) registered with the Professional Engineers of Ontario
- A minimum of 10 years of engineering design and project experience
- Prior experience with managing teams
- Experience with CAD software including, SolidWorks, Inventor and/or AutoCAD
- In-depth knowledge and experience with systems: heating, ventilation and air-conditioning (HVAC); plumbing; building electrical of 600V and less; automatic control; fire protection; industrial ventilation (fume hoods); hydraulics: material handling.
- Candidate must have strong interpersonal and communication skills.
- Must be able and willing to travel to the United States



EFI Engineering is proudly located in Cornwall which is strategically located to serve Eastern Ontario, Ottawa, Montreal and Northern New York. Cornwall is a great place for the family and provides all the amenities of a larger center at a fraction of the cost.

At EFI Engineering, we value our people and take pride in our community and our work. We are an equal opportunity employer and are committed to the principles of equality.

If you would like to become part of the EFI Engineering Team, please forward us your resume with a cover letter describing your experience and qualifications to [info@efiengineering.com](mailto:info@efiengineering.com)

We look forward to hearing from you, but only candidates selected to move to the next hiring stage will be contacted. We thank all applicants for their response.

EFI Engineering - Human Resources  
34 South Branch Road, Cornwall, ON K6K 1T4