



CHEMICAL ENGINEER

chemical technician, associate chemical engineer, apprentice chemical engineer, senior chemical engineer, manager-chemical engineering, adhesives engineer, biochemical engineer, chemical engineer, environmental, chemical process engineer, chief process engineer, engineer coatings, environmental chemical engineer, process control engineer, chemical, pulp and paper engineer, waste treatment engineer

Chemical engineers design and develop chemical processes and equipment, in order to transform raw materials into useful products. They also oversee the operation and maintenance of industrial chemical plants. The forest products industry employs chemical engineers in pulp and paper mills.

As a chemical engineer in a pulp and paper mill, you will work closely with technical and operations personnel to monitor and optimize processes. You could also find yourself coordinating projects and trials to increase production, improve quality and reduce costs.

KEY RESPONSIBILITIES



Chemical engineers perform a wide range of technical functions.

On any given day, you might:

- Conduct economic and technical feasibility studies
- Research how to improve chemical engineering processes
- Design and test chemical processing and equipment
- Conduct quality control programs
- Supervise technicians and engineers
- Work in administration

EDUCATION AND TRAINING



You have to earn a chemical engineering degree from a university to work as a chemical engineer. Students graduating from undergraduate programs in chemical engineering often choose to become certified as professional engineers. It means you are licensed to practice engineering, and that you're a full-fledged member of the engineering profession.

Here is a complete list of Canadian Universities and Colleges:
thegreenestworkforce.ca/education

Notice

The requirements listed are generally required qualifications for this Career Type. The qualifications may vary based on the employer and/or the geographic location of that job.

THIS JOB IS RIGHT FOR YOU IF:



- You want to live an oversized life in one of Canada's beautiful forest communities
- A sense of community is important to you
- You like variety and learning new things
- You want to make a difference working in a green job
- You like the outdoors
- You are a team player
- You like science
- You are interested in how things work

DARE TO COMPARE

See how much time and money you would save by moving to a forest community.

thegreenestworkforce.ca/compare

If you want good pay, opportunities to learn on the job, a great lifestyle and the chance to work in Canada's Greenest Workforce, then the forest products industry is right for you.