



POWER ENGINEER

senior power engineer, manager, power engineering, power technician, power engineer, power engineer apprentice, powerhouse operator, stationary engineer, stationary engineer apprentice, stationary engineer steam power plant, steam plant operator, steam power plant stationary engineer, steam turbine operator, turbine operator - stationary engines

As the job title suggests, working as a power steam engineer is all about keeping power running in big industrial and commercial facilities. Efficiency and safety are your two biggest responsibilities. Your duties include supervising, operating and maintaining machinery and boilers that provide steam, power, heat, refrigeration and other utility services. Many mills are automated to improve efficiency and safety. These automated systems are often the responsibility of power steam engineers.

In some mills, senior power steam engineers work in control rooms. They need to be able to analyze problems and take action to keep a mill running smoothly and safely. More junior power steam engineers may find themselves spending most of their time on the mill floor monitoring and adjusting equipment.

KEY RESPONSIBILITIES



Power steam engineers perform some or all of the following duties:

- Operating and maintaining boilers, steam and gas turbines, generators, gas and diesel internal combustion engines, pumps, condensers, compressors, pressure vessels and related controls
- Overseeing heating, air-conditioning, ventilation, refrigeration, fire systems and building control systems
- Ensuring safety codes and regulations are followed
- Monitoring alarms, gauges and other instruments
- Trouble shooting equipment and system failures
- Isolating equipment mechanically and electrically for inspection and repair

EDUCATION AND TRAINING



Finishing high school is your first step on the road to becoming a power steam engineer. After that you will need to complete a college training program.

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 have mechanical aptitude
- You are handy with tools
- You are a team player
- You take safety seriously

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.