



SKILLED TRADES

POSITIONS IN THE FOREST PRODUCTS INDUSTRY



MACHINIST

OTHER JOB TITLES: *general machinist, machine shop inspector, machined parts inspector, machining inspector, machinist, machinist apprentice, tooling inspector.*

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.

Why green? The forests are a renewable natural resource and the Canadian forest products industry is known for its world-class environmental credentials, including having the most certified forests in the world, and cutting more than 70% of its greenhouse gas emissions since 1990.

The industry offers something for everyone. It's an industry with a reputation for investing in skills training and career growth, and no matter what part of the forest products industry you work in - on the mill floor as a mechanical engineer, or in the forest as a forestry technician - every job is part of the greenest industry in Canada.

Canadian forest product companies will need to hire 60,000, or more, **new workers by 2020** to meet demand and you could be one of them!

DESCRIPTION

Machinists are precise people. They enjoy making complex parts with and without the help of computers. Machinists set up and operate a variety of machine tools to cut or grind metal, plastic or other materials to make or modify parts or products - all to exact dimensions. Machinists also work as machining and tooling inspectors who inspect machined parts and tooling in order to maintain quality control standards.

Are you a techie at heart who takes pride in producing high-quality manufactured products? If the answer is yes, then you could be a machinist. Your workspace is a workshop. Many machinists spend their days transferring complex mechanical engineering drawings from a computer screen to computerized machinery. This means you move back and forth between the worlds of computers and precision machines.

KEY RESPONSIBILITIES

Machinists perform some or all of the following duties:

- sourcing types of metal for specific jobs
- cutting and machining steel
- performing precision measurement and inspections
- interpreting engineering drawings
- working with gears, threads and fasteners
- using computer-aided design (CAD) software
- using computer-aided manufacturing (CAM) software

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 precision
- you are comfortable with computers
- you are handy with tools
- you want to work in a workshop, not an office

\$ EARNING POTENTIAL

\$32
PER HOUR

This is the high end of the Canadian average. In some areas, machinists make up to \$35 per hour.

+ BENEFITS MAY INCLUDE

- Apprenticeships
- Career growth
- Daycare
- Dental and medical plans
- Employee assistance plans
- Pensions
- Ongoing training

EDUCATION AND TRAINING

Getting a high school diploma or an equivalent qualification is mandatory for machinists. After that, you will need to complete a four-year apprenticeship program. Apprentice machinists get training while earning a pay cheque and building a career as a highly skilled worker. mInterprovincial *Red Seal* endorsement is also available to allow your skills to be officially recognized across Canada.

Apprenticeship grants: Apprentices can receive up to \$4,000 in grants to pay tuition, travel, tools, or other expenses. If you are considering an apprenticeship, visit the interprovincial *Red Seal* program for information on how to get started. Here is a complete list of Canadian Universities and Colleges: thegreenestworkforce.ca/education

#LIFE'S BETTER HERE

Dare to Compare. See how much time and money you would save by moving to a forest community. Visit thegreenestworkforce.ca/compare