



SKILLED TRADES

POSITIONS IN THE FOREST PRODUCTS INDUSTRY



WELDER

OTHER JOB TITLES: brazer and hammerer, furnace brazer, gas brazer, resistance brazer, brazing machine operator, welder-fitter, welding machine operator, wire welder.

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

Welders cut and join pieces of metal. Welders may also work as machine operators who operate previously set-up welding, brazing and soldering equipment.

Working as a welder for a forest product company means you will be in a fast-paced environment. Fixing broken equipment may mean you have to step in and manage a situation without much notice. Welding is physically demanding, and it requires manual dexterity and an eye for detail.

Welder Level A is someone who has advanced training, skills and abilities to weld all materials, including specialized alloys, by any manual welding process. Welder Level B is a person who can weld ferrous and non-ferrous metals on plates and pipes. Welder Level C is someone who can weld various steel and aluminum parts.

Welding work also overlaps with the work of industrial mechanics (millwright), sheet-metal workers, steamfitters, pipefitters, metal fabricators (fitter), iron workers and boilermakers. With extra training, welders can transfer their skills to these related occupations.

KEY RESPONSIBILITIES

Vibration analysts perform a wide range of technical functions. On any given day, you might:

- read and interpret blueprints or welding specifications
- operate manual or semi-automatic welding equipment
- operate manual or semi-automatic flame-cutting equipment
- operate brazing and soldering equipment
- operate metal shaping machines
- repair worn parts of metal products by welding on extra layers

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
- you like working in a green job
- you like making things with tools
- you are a team player
- you want to work in work boots, not dress shoes

#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

\$ EARNING POTENTIAL



This is the high end of the Canadian average. In some areas, B pressure welders, who have earned extra credentials, make closer to \$47 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 usually required. After that, you will need to complete a three-year apprenticeship program. Alternatively, a combination of over three years of work experience as a welder and some college or industry courses in welding is usually required to be eligible for trade certification. As an apprentice, you get training while earning a pay cheque and building a career as a highly skilled worker. An interprovincial *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