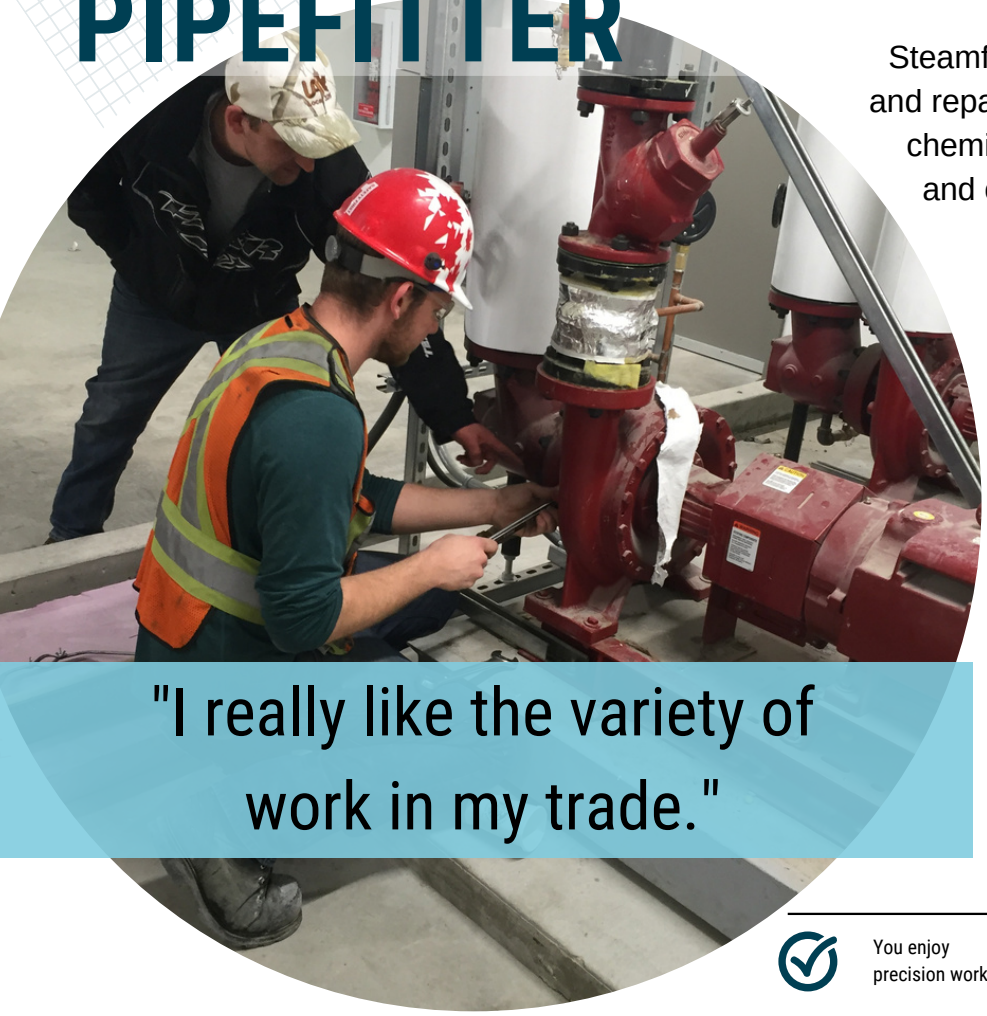
STEAMFITTER / PIPEFITTER



"I really like the variety of work in my trade."

ABOUT THIS CAREER

Steamfitters/pipefitters build, assemble, maintain and repair piping systems that carry water, steam, chemicals or fuel in heating, cooling, lubricating and other process piping systems. Because of this, much of their work is industrial. They work indoors or outdoors, and the job can be physically demanding. They can be self-employed or work with maintenance departments and sprinkler system contractors.

HOURLY PAY

$20.50-$41.50

PROJECTED CONSTRUCTION WORKER RETIREMENTS

~8,100 BY 2029*

**BuildForce Canada*

- You enjoy precision work.
- You are a critical thinker.
- You can understand complex instructions.

RESPONSIBILITIES

- Install supports, valves, piping and control systems
- Measure, cut, thread, bend and install metal, plastic and fiberglass pipes, valves and fittings
- Weld, cement, solder and join pipes and related equipment
- Read blueprints, drawings and specifications
- Make detailed sketches for pipe and equipment fabrication and installation, as required
- Check systems for leaks and remove and replace worn components
- May prepare cost estimates for clients

WHAT YOU'LL NEED to become a certified steamfitter/pipefitter

Entrance Requirements

Usually a combination of 5+ years of construction experience, plus high school, college or industry courses in plumbing to be eligible for certification.

Apprenticeship Program:
4 years, includes technical training, on-the-job training and exam. Journeyperson certificate awarded after successful completion. As an apprentice, you also earn while you learn.

Key Skills & Attributes

(technical training and on the job)

- Strong communication skills, reading and numeracy
- Analytical and problem-solving skills
- Ability to read and interpret blueprints
- Mechanical aptitude
- Manual dexterity
- Strength, stamina and ability to lift heavy materials
- Ability to work at heights and in diverse weather

DID YOU KNOW?

Steamfitters/pipefitters work on systems that operate under extremely high pressure and temperatures. It is critical that they have a thorough knowledge of scientific principles to complete their work safely.

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