

STEAMFITTER / PIPEFITTER



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.

380,500

CONSTRUCTION WORKERS
NEEDED BY 2034

**BuildForce Canada*

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



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

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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WHAT YOU'LL NEED

Entering the Trade

Red Seal / Compulsory Certified

Is there a training pathway for this trade?: **Yes**

Number of Levels: **4**

Total Required Apprenticeship Hours: **7,200**

Total Hours Required to Challenge Exam as a Trade Qualifier: **10,800**

HOURLY PAY \$36.08 - \$38.77/hr
(based on 2025 collective agreement Journeyman hourly rate)

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

