

PIPEFITTER/ STEAMFITTER



"As long as people need water, skilled plumbers and fitters will always be in demand."

ABOUT THIS CAREER

Plumbers and Pipefitters install, remodel and maintain systems that carry water, steam, air and other liquids or gases necessary for sanitation, industrial production, heating, air conditioning and many other systems. Because they work in all kinds of industries, there are nearly endless work opportunities.

HOURLY PAY (BASED ON
JOURNEYPERSON)

Approx **\$41-\$42**

PROJECTED CONSTRUCTION
WORKER RETIREMENTS

~ **8,100 BY 2029**

**BuildForce Canada*



You are mechanically inclined



You have good physical fitness



You can interpret drawings and blueprints

RESPONSIBILITIES

- Read blueprints and drawings for plumbing system layouts, water supply networks and waste and drainage systems
- Determine piping system requirements and pipe sizing
- Measure, cut, thread and bend pipes to required shape and size
- Cut opening in walls and floors to accommodate pipe and pipe fittings
- Join pipes using clamps, bolts, cement or soldering, brazing and welding equipment
- Test pipes for leaks using air and water pressure gauges



WHAT YOU'LL NEED

Education:

High school or equivalent. Complete a three-to four year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyman certificate.

Apprenticeship Program:

3-4 years, includes technical training, on-the-job training and exam. Journeyman certificate awarded after successful completion.

Key Skills & Attributes

- Strong communication and problem-solving skills
- Reading and numeracy, reading, communication, problem-solving
- Ability to read and interpret blueprints
- Ability to work in high places
- Ability to work in a collaborative environment

DID YOU KNOW?

Steamfitters install biofuel mechanical systems that convert used corn oil, cooking oil and animal fat. The life saving medical gas systems in hospitals are installed by plumbers!



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