PIPING TRADES: PLUMBER

ABOUT THIS CAREER

Plumbers 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. They measure, cut and bend pipe, and weld, caulk, solder, glue or thread joints at residential, commercial and industrial job sites. Because they work in all kinds of industries, there are nearly endless work opportunities.

"As long as people have indoor plumbing, skilled plumbers will always be in demand."

380,500

CONSTRUCTION WORKERS NEEDED BY 2034

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

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 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
- Experience using precision tools & machinery

DID YOU KNOW?

Albert Einstein said if he could do it all again, he would be a Plumber.

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MANITOBA BUILDING TRADES COUNCIL

Est. 1909