

PLUMBER/STEAMFITTER/ SPRINKLER FITTER

ABOUT THIS CAREER

Plumbers, Steamfitters and Sprinkler fitters are all part of the Piping Trades. Each trade is unique and offers different career opportunities. They can work in residential, commercial, institutional and industrial construction, as well as in refineries, LNG facilities and shipyards.



"I use many skills and really like the variety of work in my trade."

JOURNEYPERSON PAY

\$55/hr

+ including benefits

PROJECTED GROWTH (CONSTRUCTION LABOUR FORCE)

10% over the decade

compared to 2020*

*BuildForce Canada



You have mechanical aptitude.



You are a critical thinker.



You do precise work expertly.

RESPONSIBILITIES

- **Plumbers** study building plans; measure, cut, thread, bend and solder pipes; assemble and install valve fittings; and install underground, sanitary and water piping systems.
- **Steamfitters** lay out, assemble, fabricate, maintain, and repair piping systems that carry water, steam, chemicals or fuel used in heating, cooling, lubricating and other processes.
- **Sprinkler fitters** install all types of fire protection systems and install hangers and overhead piping in all types of buildings and all types of construction. Fire sprinklers are installed in high-rise buildings, warehouses, shopping centres, schools and hotels

WHAT YOU'LL NEED

Entrance Requirements

High School (recommended prerequisites): Grade 12 Preferred, English 12, Math or Algebra 11 & Physics 11 Science 11

Apprenticeship Program:

Includes technical and on-the-job training, and exam. Journey person certificate awarded after successful completion. As an apprentice, you also earn while you learn.

Plumbers, Steamfitters and Sprinkler fitters can train at UA Local 170, UA Piping Industry College of BC, located on Annacis Island, Delta, or at UA Local 324, Camosun College in Victoria. The United Association is the largest supporter of Plumbing, Steam and Sprinkler apprentices in B.C.

Key Skills & Attributes (technical training and on the job)

- Strong communication, reading, numeracy & problem-solving skills
- Physical fitness & ability to lift heavy pipes
- Manual dexterity & good balance
- Ability to understand blueprints & codes
- Ability to work outdoors in diverse weather
- Ability to get along well with co-workers

DID YOU KNOW?

These professionals require a combination of skills! Many jobs require solid welding skills and they need to know how to work with a wide variety of materials such as steel, copper, plastic and numerous metal alloys.

 College of the BC Building Trades

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