



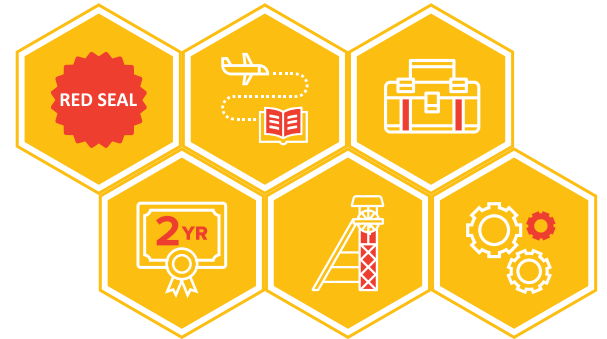
# Gasfitter - Class B

## About this job

Gasfitting professionals are precise, safety minded, and able to work with little supervision. The trade includes opportunities in residential, industrial, and commercial worksites, and in indoor and outdoor settings.



**GASFITTER HOLDS NATIONAL OCCUPATION CLASSIFICATION  
(NOC) CODE #7253/72302**



- **Two-year program**
- **Eligible for Red Seal Endorsement**
- **Requires out of the territory technical training**
- **Mining**
- **Construction**
- **Manufacturing**

## \$91,500

Estimated Average Journeyman Salary

APPRENTICESHIP, TRADES, AND OCCUPATIONAL CERTIFICATION

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## What can I expect to do for work if I become a Gasfitter?

Gasfitters - Class B size, install, test, adjust and service natural gas and propane equipment ranging from residential furnaces to industrial boilers not exceeding 400,000 British Thermal Units (BTUs).

Gasfitters employed by utility companies install and repair gas mains, service pipes, and fittings. Those employed by propane distributors install and service propane vaporizers, temporary heating equipment, propane metering and dispensing equipment, and propane pumping equipment. Gasfitters employed by mechanical and service companies install and maintain piping and appliances in residential, commercial and industrial buildings.

- select and test the appropriate size and type of pipe, equipment, appliances and devices to use,
- measure, cut, thread and assemble pipe using tools such as pipe cutters, pipe threading machines and pipe vices,
- install vents and flues, and connect gas-consuming appliances such as ranges, dryers, barbecues, furnaces, boilers, space heaters, radiant and forced air heaters,
- test and replace defective equipment or components,
- install and repair underground gas mains and distribution pipes,
- assist in the investigation of gas leaks, fires and explosions,
- convert motor vehicles or appliances to use other fuels (e.g. propane or natural gas), and
- install and service propane and natural gas filling stations.

### Eligibility Requirements

Entrance Exam – Pass Exam 5 with a score of 70% or higher  
**or**

Completion of the following high school courses

- English 20-2 (pass) or Literacy 30 (pass)
- Math 10C (pass)
- Science 10 (pass)

**or**

All five Canadian General Educational Development (GED) tests

**SCHOOLS NORTH APPRENTICESHIP PROGRAM (SNAP) - SNAP** apprentices are not required to satisfy the entrance requirements prior to signing an apprenticeship contract. However, the SNAP apprentice must satisfy the entrance requirements **or** write the TEE before attending technical training.

## What kind of working conditions can I expect?

Gasfitters work both indoors and outdoors at physically demanding tasks. They work a 40-hour week with overtime required for emergencies or construction deadlines. There may be some risk of injury involved in working with explosive gases and power tools. Safety training is mandatory.

## What are some skills that are valued in this profession?

- the ability to work with little supervision,
- the skill to diagnose problems,
- the ability to use proper lifting techniques for items weighing more than 25 kilograms,
- mechanical, electrical and electronic aptitude,
- manual dexterity, and
- the ability to deal courteously with customers.

## What is the minimum requirement to become an apprentice in this trade?

Apprentices must obtain a minimum of 70% on the Trades Entrance Exam – TEE Category #2 or the equivalent education as outlined below. This must be done before signing the Apprenticeship contract and attending technical training.

## How long will it take to complete a Gasfitter - Class B apprenticeship?

An apprenticeship takes about two years to complete, and includes two on the job periods and two technical training periods. You need to complete 1800 hours per period, for a total of 3600 hours.

## How long is technical training?

Apprentices will attend 720 technical training hours. Apprentices usually go to school for this program in **Alberta**. Gasfitter - Class B shares its first two rounds of technical training with Gasfitter - Class A.

Period	Technical Training <sup>1</sup>	Prerequisites for technical training	Hours <sup>2</sup>
1st	8 Weeks 240 hours	Entrance Exam and 900 hours	1800
2nd	8 Weeks 240 hours	Completed 1 <sup>st</sup> Period	3600

<sup>1</sup>Length of In-School Training

<sup>2</sup>Minimum Time Required to Complete (Includes Technical Training)

For more information:

[www.gov.nt.ca/Apprenticeship](http://www.gov.nt.ca/Apprenticeship)