



Sheet Metal Worker

About this job

Sheet metal workers perform precision work, and possess good mechanical, problem solving, and communication skills. The trade offers work in both indoor and outdoor industrial and commercial settings, and on a wide range of project types.



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

\$93,600

Estimated Average Journeyperson Salary



SHEET METAL WORKER FALLS UNDER NATIONAL OCCUPATION CLASSIFICATION (NOC) CODE #7271/72102

APPRENTICESHIP, TRADES, AND OCCUPATIONAL CERTIFICATION

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What can I expect to do for work if I become a Sheet Metal Worker?

Sheet metal workers design, fabricate, assemble, install, and repair the sheet metal products required in a wide variety of industries and settings. Sheet metal workers use many types of metal to make products such as:

- metal showcases, display neon and metal sign equipment,
- metal cabinets, custom built tables, counters and fixtures for hospitals, kitchen equipment and items for the food service and beverage industry,
- metal shelving, lockers, window frames, metal doors and frames, toilet partitions, and
- flashing, coping, troughing and roof drainage systems.

In general, sheet metal workers:

- lay out, measure, and mark dimensions and on sheet metal according to drawings'
- use laser or plasma cutting equipment, or computerized equipment, hand and power shears and snips and light metal-working equipment to cut, drill, bend and shape sheet metal,
- install and repair sheet metal products and ensure installations conform to building codes,
- do metal cladding of insulated piping and equipment on industrial sites.

What kind of working conditions can I expect?

Sheet metal workers work from verbal instructions, blueprints, or design their own small jobs. A 40-hour week is normal, but overtime may be required to meet construction deadlines. They work indoors and outdoors in all conditions. They also bend, reach, work at heights and in small spaces.

Eligibility Requirements
Entrance Exam – Pass Exam 5 with a score of 70% or higher or
Completion of the following high school courses
<ul style="list-style-type: none"> • 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 are some skills that are valued in this profession?

- good physical condition, and strength, stamina and the use of proper lifting techniques required to handle heavy tools and parts weighing up to 25 kilograms,
- eye-hand coordination, spatial and form perception, good eyesight and manual dexterity,
- a good background in practical mathematics, geometry and document reading,
- the ability to stand for long periods, do some moderately heavy lifting and carrying, and work in high, awkward and noisy places,
- the ability to work in a construction or shop environment, and
- good communication skills.

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 Sheet Metal Worker apprenticeship?

An apprenticeship takes about four years to complete and includes four on the job periods and four technical training periods. You need to complete 1800 hours per period, for a total of 7200 hours.

How long is technical training?

Apprentices will attend 1200 technical training hours. Apprentices usually go to school for this program in **Alberta**.

Period	Technical Training ¹	Prerequisites for technical training	Hours ²
1st	10 Weeks 300 hours	Entrance Exam and 900 hours	1800
2nd	10 Weeks 300 hours	Completed 1 st Period	3600
3rd	10 Weeks 300 hours	Completed 2 nd Period	5400
4th	10 Weeks 300 hours	Completed 3 rd Period	7200

¹Length of In-School Training

²Minimum Time Required to Complete (Includes Technical Training)

For more information:

www.gov.nt.ca/Apprenticeship