

IRONWORKER - STRUCTURAL/ORNAMENTAL

ABOUT THIS CAREER

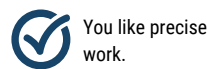
Ironworker – Structural/Ornamental tradespeople fabricate and construct structural steel buildings, bridges, pre-cast structures, ornamental ironwork and join scaffolding. They erect structural steel and pre-cast components, install conveyors, secondary steel, curtain wall and sometimes perform reconstructive work on existing structures.

55,810 CONSTRUCTION
WORKERS NEEDED BY 2030*

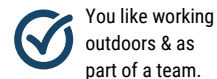
*BuildForce Canada

Contact the local union for more information on hourly pay, benefits, pensions and more.

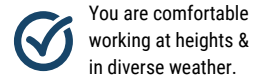
"I like that we're a rare breed. We build towers in the sky, work on iron skeletons of high rises and inch along spans of bridges."



You like precise work.



You like working outdoors & as part of a team.



You are comfortable working at heights & in diverse weather.

RESPONSIBILITIES

- Read blueprints & specifications to lay out work
- Safely operate tools & equipment
- Erect and install construction cranes & hoisting equipment
- Position steel units, align holes and insert bolts
- Check alignments and join steel parts by bolting or lock welding
- Assemble and erect prefabricated metal structures & related components
- Install ornamental/architectural and other structural metalwork

WHAT YOU'LL NEED

Entrance Requirements

English 10-2 and Math 10-3 **OR** all five Canadian General Educational Development tests **OR** Entrance Exam.

Apprenticeship Program:

3 years, includes technical training and 4,500 hours on-the-job training, and exam. Journeyman 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 skills, reading & numeracy
- Strong problem-solving & planning skills
- Ability to interpret blueprints
- Very good muscular coordination, agility & balance
- Ability to work at heights & lift in excess of 25 kg
- Ability to act quickly & decisively in emergencies
- Willingness to work at various work sites

DID YOU KNOW?

Ironworking is a multi-faceted career and involves more than constructing buildings and bridges. Most ironworkers do more than one type of ironwork and each requires specific skills.



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