

# IRONWORKER - REINFORCING

## ABOUT THIS CAREER

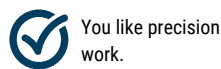
Ironworker – Reinforcing tradespeople place and tie reinforcing material. They place and tie reinforcing steel, and post-tension tendons and related components to reinforce concrete structures.

**55,810** CONSTRUCTION  
WORKERS NEEDED BY 2030\*

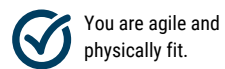
\*BuildForce Canada

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

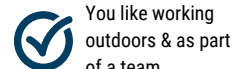
"I have a lot of pride in the work I do. It takes strength, courage and special skills to build the structures we do."



You like precision work.



You are agile and physically fit.



You like working outdoors & as part of a team.

## RESPONSIBILITIES

- Read blueprints & specifications to lay out work
- Safely operate tools & equipment
- Unload materials to access, relocate and/or hoist as needed
- Erect and install construction cranes & hoisting equipment
- Assemble rigging to move materials
- Direct crane operators with hand signals or radios
- Select, cut, bend, position and secure steel bars or wire mesh to reinforce concrete

## 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:

2 years, includes technical training and 3,000 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 & specifications
- 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?

Reinforcing ironworkers are employed wherever reinforced concrete is used in the construction of structures such as buildings, highways, bridges, stadiums and airports.



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