

IRONWORKER - REINFORCING



ABOUT THIS CAREER

Reinforcing Ironworkers cut, bend, lay out, place, tie, couple, and weld reinforcing steel rods, welded wire fabric and composite materials in a variety of reinforced concrete products and structures. They also place and stress various post tensioning systems in structures where longer unsupported spans are required (for example bridges and stadiums).

~6,500
by 2032*

PROJECTED CONSTRUCTION
WORKERS RETIREMENTS BY 2034

**BuildForce Canada*

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



Good physical stamina.



Good mechanical aptitude and ability to visualize finished projects.



You are comfortable working at heights and in all types of weather

RESPONSIBILITIES

- Position, align and secure components according to drawings, using a variety of methods
- Unload and position steel units so each piece can be hoisted as needed
- Signal crane operators to position units according to specifications
- Align, weld or bolt units in place
- Inspect or test structures and equipment for deterioration, defects or failure to comply with specifications or regulations

WHAT YOU'LL NEED

Entering the Trade

Red Seal

Is there a training pathway for this trade?: **Yes**

Number of Levels: **2**

Total Required Apprenticeship
Hours: **3,600**

Total Hours Required to
Challenge Exam as a Trade
Qualifier: **5,400**

HOURLY PAY \$39.16 - \$39.94/hr (based on 2023 collective agreement Journeyperson hourly rate)

Key Skills & Attributes

(technical training and on the job)

- Strong communication, problem-solving and planning skills
- Reading and numeracy
- Experience using precision tools & machinery
- Ability to work in high places
- Ability to work outdoors in diverse weather
- Ability to work in a collaborative environment

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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