

IRONWORKER - STRUCTURAL & ORNAMENTAL



ABOUT THIS CAREER

Structural & Ornamental Ironworkers install and reinforce structural/ ornamental steel components, precast structural concrete members and glued laminate timber products in commercial, industrial, institutional and large residential buildings, towers, bridges and stadiums. They also erect pre-engineered buildings and ornamental ironwork.



"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."

~6,500
by 2032*

PROJECTED CONSTRUCTION
WORKERS RETIREMENTS BY 2034

**BuildForce Canada*



You can visualize
finished products.



You have
experience using
tools & machinery.



You are comfortable
working at heights and
in diverse weather.

RESPONSIBILITIES

- Install and reinforce structural/ornamental steel components and other materials according to blueprints
- Erect scaffolding, cranes, hoists and derricks on construction sites
- Signal crane operators to position units according to specifications
- Unload and position steel units so each piece can be hoisted as needed
- Align, weld or bolt units in place and look for defects in prefabricated metal structures
- Can be involved in demolition and salvage duties involving all types of construction

WHAT YOU'LL NEED

Entering the Trade

Red Seal

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

Number of Levels: **3**

Total Required Apprenticeship
Hours: **5,400**

Total Hours Required to
Challenge Exam as a Trade
Qualifier: **8,100**

HOURLY PAY \$41.42 - \$45.24/hr (based on 2023 collective agreement Journey person 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?

Ironworkers are broken into three categories: Generalists, Structural/Ornamental, and Reinforcing.



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