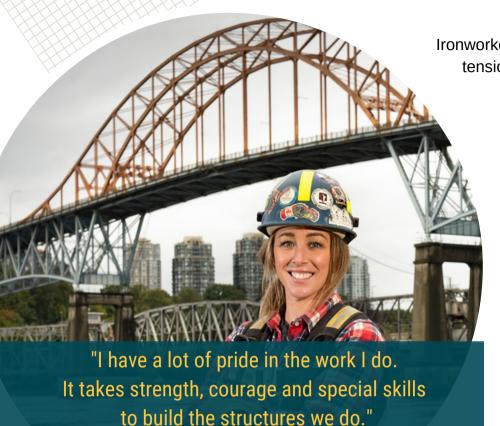
# IRONWORKER **AT A TOTAL**



**ABOUT THIS CAREER** 

Ironworkers rig, handle and place all the rebar, post tensioning and structural steel on a construction site such as columns, beams, girders and more. In B.C., they can work on high rise & commercial buildings, bridges. tunnels, dams, mines, stadiums and other structures. An Ironworker generalist is trained in both reinforcing and structural steel.

**HOURLY PAY** 

\$25.00-\$50.00

PROJECTED GROWTH (CONTRUCTION LABOUR FORCE)

10% over the decade

compared to 2020\* \*BuildForce Canada





You are strong, agile & have good balance.



You are mechanically inclined.



You like working with your hands.

### **RESPONSIBILITIES**

- Select, cut, bend, position and secure steel bars & wire mesh to reinforce concrete
- Read blueprints & specifications
- Assemble rigging, jacks & rollers to move and install heavy equipment & materials
- Attach rigging to members and direct crane operator with hand signals & radios
- Erect and install all types of cranes & hoisting equipment
- Assemble and erect pre-fabricated metal & pre-cast concrete structures
- Install ornamental/architectural and other metalwork

### WHAT YOU'LL NEED

#### **Entrance Requirements**

**High School (recommended** prerequisites): Two years of education in English in an English-speaking country with English 12 (50%) or Communications 12 (67%) I Math 10.

Those interested in the ironworker trade should consider taking the Ironworker Foundation Class at BCIT.

#### **Apprenticeship Program:**

Ironworker Generalist requires 4,740 hours of paid on-the-job training, 3 levels of technical training & exam. Ironworker Reinforcing requires 3,180 hours of paid on-the-job training, 2 levels of technical training & exam. Journeyperson awarded after successful completion. As an apprentice, you earn while you learn. 80% of all Local 97 apprentices have their Red Seal Journeyperson Certificate in 3 years.

Ironworking is a multi-faceted career and involves precision work in a broad range of industries and locations. Local 97 is the largest supporter of ironworking apprenticeship in BC.

## **Key Skills & Attributes**

(technical training and on the job)

- Strong communication, problem-solving & planning skills
- Reading and numeracy
- Physical strength & muscular coordination
- Ability to work at heights & in diverse weather
- Ability to identify dangerous situations and act swiftly & decisively in emergencies
- Ability to work in a collaborative environment



**DID YOU** KNOW?



