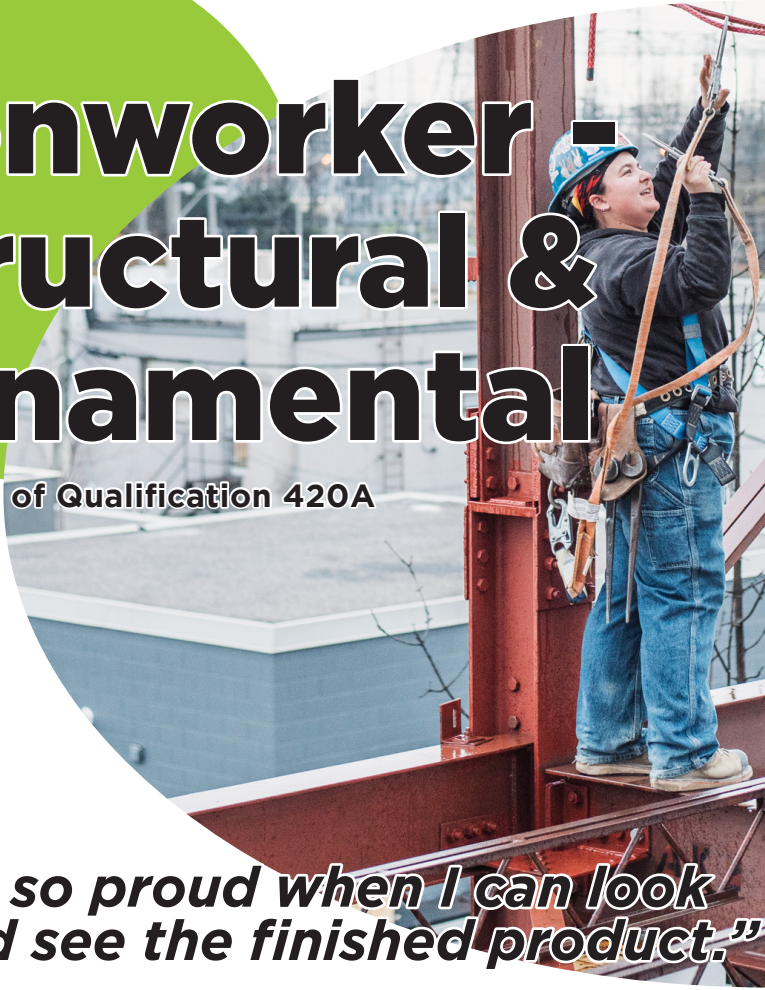


Ironworker - Structural & Ornamental

Certificate of Qualification 420A



“I feel so proud when I can look up and see the finished product.”

Ironworkers are involved in erecting residential, commercial, institutional and industrial buildings as well as other large structures such as bridges, dams and stadiums. They set up the framework of a building by positioning steel girders or other structural elements and then bolting them into place.

**Unionized
Journeyman
Wage Rate:
\$48.29/Hr**

**2023 Provincial
Average**



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Indoor and outdoor work



Comfortable working at heights



Good physical fitness & stamina

Entrance Requirements

- Grade 12 Diploma preferred (Grade 10 minimum)
- Minimum 18 years of age

Did You Know?

Ironworking is a multi-faceted career and involves more than constructing buildings and bridges.

Key Skills & Attributes

- Physical endurance, flexibility and strength
- Estimate, calculate size and dimensions of objects
- Attention to detail, problem solving and job planning

Apprenticeship Program

6000 hours of on-the-job training, supplemented by three 8-week sessions of in-class technical training.

Responsibilities

- Fabricate, assemble, install, erect, alter, repair, hoist and dismantle structural ironwork, precast and pretensioned concrete as well as all metallic materials in curtain walls, ornamental and other metal work (including specialty metals)
- Operate and maintain hand and power tools, including welding and cutting equipment
- Assemble and erect cranes, rigs and hoists
- Move and install components, materials, heavy equipment and machinery needed to perform ironwork, including installation of all falsework and shoring
- Erect structural members and bridges, and install and fasten curtain walls and glass systems

Visit CTAOntario.com for more information

