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Ironworker

Fabricate, construct and join scaffolding, ornamental ironwork, pre-cast structures, erect structural steel components, reinforce steel and reconstructive work on existing structures

Main Responsibilities:

- Fabricates structural steel, ornamental work and pre-cast structures on a variety of projects.
- Studies blueprints, drawing and specifications to determine the lay out of work.
- Position steel units, align holes and insert temporary bolts while checking alignments and joining steel parts using simple torque and hand wrenches.
- Attach cables from a crane and direct crane operators with hand signals and or radio.
- Unload and stack steel units so each piece can be hoisted as needed
- Know, understand, and operate grinders safely in accordance with safe work practices and procedures
- Ability to recognize spool hoisting point and utilize proper rigging techniques and signals while working in a fast paced environment
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- May perform other duties as assigned.

Job Specific Knowledge:

- The ability to interpret blue prints
- Ability to work around cranes and forklifts frequently

Industry Specific Experience:

- An understanding of safe work practices and the knowledge to safely operate the tools of the trade.
- Able to work outdoors in adverse weather conditions.
- Able to work at heights

Education – Qualifications, Accreditation, Training:

- Must be a registered Ironworker Apprentice or hold an Ironworker Journeyperson ticket recognized by a provincial training authority.
- BC ITA Apprenticeship consists of:
 - ✓ Level 1: Technical training 300 hours (10 Weeks) and Accumulate hours.
 - ✓ Level 2: Technical training 180 hours (6 Weeks) and Accumulate hours.
 - ✓ Level 3: Technical training 180 hours (6 Weeks) and Work-Based Training: 4,740 hours, Interprovincial Red Seal Exam.

Visit <http://www.itabc.ca/program/ironworker-generalist-ironworker> for more information.