

Job Title: Welder

Job Description:

Operate welding equipment to weld structural metal components/members.

Duties:

Performs some or all of the following:

1. Read and interpret blueprints or welding process specification.
2. Operate manual or semi-automatic welding equipment to fuse metal segments using processes such as gas metal arc (GMAW), flux-cored arc (FCAW), shielded metal arc (SMAW), oxy-acetylene (OAW).
3. Operate manual or semi-automatic flame cutting equipment.
4. Operate metal shaping machines such as brakes, shears and other metal straightening and bending machines.

Education: Some college/vocational or technical training.

Credentials: Canadian Welding Bureau (CWB) Certificate or equivalent.

Type of Equipment: Brakes and presses, Cutting torches, Grinders, Drills

Area of Specialization: Structural metal or steel

Major Work Area: Fabrication, Assembly, Fitting

Welding Techniques: Tack, MIG, TIG

Specific Skills: Interpret welding process specifications jigs or set-ups for welding.

Essential Skills: Must be able to examine welds and ensure that they meet standards and/or specification. Reading text, Document use, Numeracy, Writing and Oral Communication, Working with others, Problem Solving, Critical Thinking, Job task planning and organizing, Significant use of memory, Finding information and continuous learning.