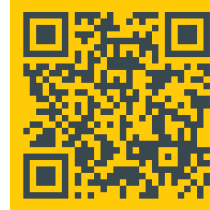


WELDER



"Welding is a very rewarding and challenging career that is extremely important for our industry and construction."

ABOUT THIS CAREER

Welders join pieces of metal by applying heat, using filler metal or fusion processes. They join parts being manufactured, build structures, repair damaged parts, and join structural steel and metal in vessels, piping and other components. Work is outdoors or indoors, and travel may be required to jobs in remote locations.

Hazards in this trade include sparks, gases, hazardous fumes, burns, heavy lifting, repetitive stress and exposure to ultra-violet and infrared radiation.

HOURLY PAY (BASED ON JOURNEYPEPERSON)

Approx. \$40-41

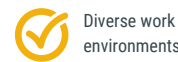
PROJECTED CONSTRUCTION WORKER RETIREMENTS

~8,100 BY 2029

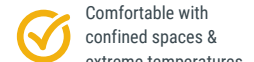
**BuildForce Canada*



Great hand-eye coordination



Diverse work environments



Comfortable with confined spaces & extreme temperatures

RESPONSIBILITIES

- Read blueprints and drawings and take or read measurements to plan layout and procedures
- Operate manual or semi-automatic flame-cutting equipment
- Weld components using manual or semi-automatic welding equipment in various positions (vertical, horizontal or overhead)
- Repair machinery and other components by welding pieces and filling gaps
- Test and inspect welded surfaces and structure to discover flaws
- Maintain equipment in a condition that does not compromise safety

WHAT YOU'LL NEED

Education:

Highschool or equivalent. Complete a three-to four year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

Apprenticeship Program:

3-4 years, includes technical training, on-the-job training and exam. Journeyperson certificate awarded after successful completion.

Key Skills & Attributes

- Physical strength
- Physical endurance
- Hand-eye coordination
- Dexterity
- Steady hands
- Good vision
- Good mobility and flexibility

DID YOU KNOW?

Welding has sometimes been described as an art rather than a craft, a description that many beginning and experienced welders alike would agree with. While welding requires a great deal of precision, there is also much room for creativity. Moreover, new methods and tools are continually being developed, which means that a welder will be able to constantly learn new tactics and work with different types of equipment.



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