

Want to be a... **WELDER?**

WHAT DOES A WELDER DO?

A Welder is a person who has training in and is capable of welding various steel and/or aluminum parts in the fabrication, construction, erection and repair of components or structures.

In general, Welders use manual or semi-automatic welding equipment to fuse metal pieces together. They use flame-cutting, brazing and soldering equipment. They use metal shaping machines such as brakes, shears and other metal straightening and bending machines. They generally plan work from drawings or by analyzing damaged metal.

Welders may specialize in custom fabrication, ship building and repair, pressure vessel welding, pipeline construction welding, structural construction welding or machinery and equipment repair welding. They also transport materials to work areas using cranes or hoists.



it's
my
life!

ABOUT THE PROGRAM:

This competency based program, which includes an extensive assessment of practical skills in the workplace, is an exciting and innovative approach for welders who may specialize in custom fabrication, shipbuilding and repair, pressure vessel welding, pipeline construction welding, structural construction welding or machinery and equipment repair welding.

CAREER OUTLOOK:

Across the province, employer demand for welders is high and the program will help meet ongoing needs for qualified employees. It also provides prospective apprentices with another trade classification in which to pursue a career.

PROGRAM PREREQUISITES:

Recommended Education: Grade 10 or equivalent including English 10, Math 10 and Science 10. Grade 12 preferred. Welder A requires Welder "B" completion. Welder B requires Welder "C" completion.

PROGRAM DURATION:

This program outline contains the set of industry defined competency standards against which apprentice welders are to be assessed as they learn the knowledge and skills through their apprenticeship. The program contains two distinct types of competency standards:

Theory Competency Standards are:

- Typically achieved in post secondary settings
- Assessed in a post secondary (classroom) setting

Workplace Competency Standards are:

- Typically achieved on the job
- Work based practical credit using sponsor attestation/log book.

For more information on workplace assessors visit www.rtobc.com and look under Welder (A, B or C) in the Apprenticeship and Training Programs Section.

PROGRAM COMPLETION REQUIRES :

The Apprenticeship format requires completion of workplace hours using sponsor attestation/log book and completion of technical training which includes practical and written assessments according to each Welder level. Upon completion of Welder C, B and/or A, the apprentice will receive a Certificate of Apprenticeship and a Certificate of Qualification. Participants completing Welder B or A also are eligible to challenge their Inter-Provincial certificate (Red Seal endorsement).

For more information regarding completion requirements for workplace hours and in school technical credit, visit www.rtobc.com and look under Welder (A, B or C) in the Apprenticeship and Training Programs Section.



SIGN UP FOR A COURSE:

The theory based component of the program is delivered by post secondary institutions.

See www.educationplanner.bc.ca under apprenticeship for a list of schools, private training institutions and secondary schools that have been approved by ITA.

HOW TO REGISTER AS AN APPRENTICE:

You can register as an apprentice through the ITA website at www.itabc.ca. You will find the forms under the Apprentices and Trainee section.

PROGRAM CHALLENGE REQUIREMENTS/PRIOR LEARNING ASSESSMENT:

For more information select your trade on ITA's website www.itabc.ca under the BC and Red Seal Trade Programs section or email us at info@rtobc.com.



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