

BOILERMAKER



ABOUT THIS CAREER

Boilermakers build, repair, test and maintain all types of boilers, tanks and pressure vessels and related metal products for building manufacturing and industrial processes in heavy industry. They perform structural and plate work on dust, air, gas, steam, oil, water and other liquid-tight containers.

380,500

CONSTRUCTION WORKERS
NEEDED BY 2034

**BuildForce Canada*

"I like working in a career with lots of variety and opportunities to grow."



You like working outdoors and at heights.



You have good physical strength.



You are interested in mechanics, engineering or chemistry.

RESPONSIBILITIES

- Lay out patterns and fit and weld parts together
- Install, repair and maintain boilers and heavy-metal products
- Read and interpret blueprints, maps, drawings and specifications
- Lay out plate, sheet steel and other heavy metal and mark lines
- Set up and operate heavy-metal working machines to cut and shape metal into parts
- Assemble and disassemble hydraulic and lattice boom cranes, scaffolds and other platforms

DID YOU KNOW?

Working on boilers is only a small part of what boilermakers do. There are many different job options in construction, maintenance, manufacturing and on industrial projects.

WHAT YOU'LL NEED

Entrance Requirements

Eligible for certification if you have taken high school or college courses in boilermaking.

Apprenticeship Program:

3 to 4 years, includes technical training, on-the-job training and exam. Journey person certificate awarded after successful completion. As an apprentice, you also earn while you learn.

Key Skills & Attributes

(technical training and on the job)

- Strong numeracy skills
- Reading and strong communication skills
- Problem-solving and planning skills
- Hand-eye coordination
- Physical fitness
- Experience using precision tools & equipment