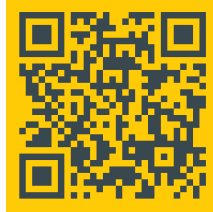


# BOILERMAKER



"Becoming a boilermaker is a riveting career choice and holds a lot of responsibility and duties."

## ABOUT THIS CAREER

Boilermakers construct, fabricate, weld, install, maintain, dismantle, and test steam generators, boilers, economizers, air heaters, de-aerators, induction draft and forced draft fans, tanks, pollution control devices, duct systems, furnaces, reactors, water towers and reservoirs, penstocks, scroll casing, and stacks.

HOURLY PAY (BASED ON  
JOURNEYPERSON)

Approx **\$39-\$40**

PROJECTED CONSTRUCTION  
WORKER RETIREMENTS

~ **8,100 BY 2029**

*\*BuildForce Canada*



Effective communication skills



Good with extreme temperatures



Good with underground environments and heights

## RESPONSIBILITIES

- Read blueprints and manuals and work from engineer-approved drawings.
- Install and assemble boilers.
- Use hand and power tools and heavy machinery.
- Calculate, select and attach rigging, and work with cranes and other hoisting devices.
- Operate, repair and monitor boilers.
- Perform boiler tests and treatments.
- Complete boiler logs and checklists.
- Follow all laws, regulations, and guidelines.



## WHAT YOU'LL NEED

### Education:

High school 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 journeyman certificate.

### Apprenticeship Program:

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

## Key Skills & Attributes

- Able to work outside in diverse weather conditions
- Good in confined spaces
- Willing to travel for work
- Ability to adapt to changing work environments
- Collaborates with coworkers and has strong interpersonal skills
- Excellent attention to detail
- Quick learner

## DID YOU KNOW?

Boilermakers are employed in metal fabricating, construction, shipbuilding, petroleum, mining, smelting and power generation (hydro, nuclear, thermal, solar, and tidal), construction and maintenance in pulp mills, water treatment plants, steel mills, cement, chemical, fertilizer and potash plants, breweries, ship yards, offshore platforms, mines, power generation and co-generation stations, ethanol, oil and gas extraction facilities, upgraders and refineries.



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