# MILLWRIGHT

"I'm depended on to assemble and maintain complicated machinery that costs millions of dollars. I like making a difference."

## ABOUT THIS CAREER

Millwrights install, service, diagnose and repair stationary machinery and heavy equipment used in many industries. They work on a range of equipment such as pumps, compressors, turbines and mining equipment using a combination of hand and power tools, including welding equipment. They can develop skills in areas such as hydraulics, electronics and other specializations.

**8,700+**

PROJECTED CONSTRUCTION WORKER RETIREMENTS IN THE NEXT DECADE*

**BuildForce Canada*

*Contact the local union for more information on hourly pay, benefits, pension and more.*

- You have an interest in operating machinery.
- You have a keen eye for detail.
- You like precision work and working with building materials.

## RESPONSIBILITIES

- Detect and troubleshoot mechanical problems and irregularities and malfunctions
- Repair or replace defective machinery parts
- Assemble and install machinery and equipment using hand and power tools
- Construct foundations for machinery
- Fabricate parts required during overhaul, maintenance or set-up
- Perform routine maintenance work on machinery
- Program programmable logic controllers (PLCs)
- Operate hoisting and lifting equipment

## WHAT YOU'LL NEED to become a millwright

### Entrance Requirements

**Apprenticeship Program:**
Includes technical training, on-the-job training and exam. Journeyperson certificate awarded after successful completion. As an apprentice, you also earn while you learn.

### Key Skills & Attributes

(technical training and on the job)

- Strong communication skills, reading and numeracy
- Strong problem-solving & planning skills
- Ability to read blueprints and schematic drawings
- Experience using precision tools & machinery
- Ability to work in high places, outdoors & in diverse weather
- Ability to work in a collaborative environment

## DID YOU KNOW?

Nearly every industry requires millwrights, including manufacturing, energy, automotive, transportation, refinery, food processing and pharmaceutical, as examples.

Saskatchewan Building Trades

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