# **MILLWRIGHT**



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



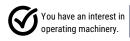
#### ABOUT THIS CAREER

Millwrights (or Industrial Mechanics) install and maintain industrial machinery and mechanical equipment including hydraulic, fuel, lubrication, cooling, and exhaust systems.

~6,500

PROJECTED CONSTRUCTION **WORKERS RETIREMENTS BY 2034** 

\*BuildForce Canada





eye for detail and like precision work.



You are comfortable working at heights and confined spaces as well as in all types of weather.

#### RESPONSIBILITIES

- Detect and troubleshoot mechanical problems
- Repair or replace defective machinery parts
- Assemble and install machinery and equipment using tools
- Install machinery foundations
- Fabricate parts required during overhaul, maintenance or set-up
- Perform routine maintenance
- Work with other trades to diagnose programmable logic controllers (PLCs) problems
- Operate, maintain and repair hoisting and lifting equipment

#### WHAT YOU'LL NEED

### **Entering the Trade**

#### Red Seal

Is there a training pathway for this trade?: Yes

Number of Levels: 4

**Total Required Apprenticeship** 

Hours: 7,200

Total Hours Required to Challenge Exam as a Trade

Oualifier: 10,800

## **Key Skills & Attributes**

(technical training and on the job)

- Reading and math
- Communication
- Planning and problem-solving

**HOURLY PAY** \$52.07/hr including vacation pay (based on 2023) collective agreement Journeyperson hourly rate)

#### **DID YOU KNOW?**

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



