

Industrial Millwright

Certificate of Qualification 426A



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

A Construction Millwright lays out, receives and installs machinery, mechanical equipment and other automated and robotic systems. They work in the construction, commercial, manufacturing, and industrial industries. They often work in close association with people in other trades, such as instrument mechanics, ironworkers, pipefitters and electricians.

**Unionized
Journeyman
Wage Rate:
\$48.67/Hr**

**2024 Provincial
Average**



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Physically fit



Detail oriented



Enjoys precision work

Entrance Requirements

- Grade 12 Diploma preferred (Grade 10 minimum)

Did You Know?

Millwrights are trained to assess load bearing capabilities of the parts they move, with the equipment they are moving it with. They coordinate with crane teams to maneuver and install these large pumps, valves, rollers, turbines, and more.

Key Skills & Attributes

- Attention to detail
- Strong hand-eye coordination
- Strong communication skills
- Ability to plan and visualize

Apprenticeship Program

8000 hours of on-the-job training, supplemented by three 8-week sessions of in-class technical training.

Responsibilities

- Interpret drawings and performs mathematical calculations
- Use hand and power tools to operates forklifts, booms, low capacity cranes, and other equipment
- Select and use materials and fasteners
- Weld, braze, solder, rig and hoist
- Install material handling systems installs, and commissions machinery and automated robotic systems
- Install bearings, seals and packing, pipe systems and valves, fans and blowers, electric and electronic controls, pneumatic and hydraulic systems

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