

MILLWRIGHT

Millwrights are critical to mining operations at all stages of production. They are good with tools, enjoy taking machines apart and rebuilding them, and work well both in a team and independently.

Job Description

- Install, maintain, modify and repair machinery and stationary equipment (e.g. conveyors, hydraulic systems, pneumatic devices, pumps, engines, motors, production machines, etc.)
- Troubleshoot production problems and take preventive or corrective action as required
- Perform operational equipment checks
- Read blueprints, manuals and process specifications to visualize layouts and guide work
- Collect, analyze, and summarize information and trends to prepare mechanical maintenance reports
- Operate heavy-lifting equipment
- Maintain a clean, orderly and safe work environment
- Follow health and safety policies to ensure safety and environmental protection
- Collaborate with planning departments and shop personnel to ensure maintenance requirements are met
- Document and communicate actions, irregularities and ongoing maintenance requirements (e.g. routine oil change)

Compensation

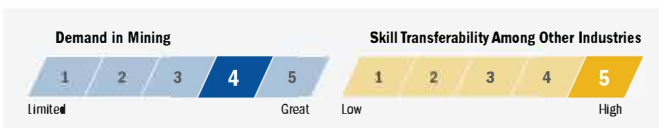
\$29.00/hour

\$49.74/hour

(Source: Canadian Mine Salaries, Wages & Benefits: 2018 Survey Results InfoMine USA, 2018).

Commission work pays between \$70 and \$100 per hour. Apprentices are paid a percentage of the full wage beginning at 75% and increasing with experience.

Job Prospects



Why are People Attracted to this Career?

Millwrights enjoy the hands-on challenge of performing precision work and keeping production systems in good conditions. They solve a range of technical problems in diverse mining environments, and are well compensated for their efforts.

What is it Like to Work as a Millwright in Mining?

Note: conditions vary according to employer and region.

Millwrights work in confined spaces, at heights and near open holes. They work with a variety of tools and large equipment to perform precise alignments as well as regular machinery maintenance.

Success Profile

- Committed to safe work habits
- Excellent manual dexterity
- Respect and understand safety procedures, regulations and legislation
- Independent
- Results-oriented
- Strong communication, interpersonal and troubleshooting skills
- Team player
- Values safety, health and a positive working environment
- Willing to perform repetitive or routine tasks

Job Entry Requirements

Note: The requirements listed below illustrate what it takes to start the career and do not take into account on-the-job training given to new employees.

Fixed Requirements

- Journey person Trade Certificate as Industrial Mechanic/Millwright (check the requirements for your province or territory)
- Physically fit and mobile
- Knowledge of mining operations and mining equipment
- Must be able to pass a medical test
- Must be able to pass a drug test
- Willingness to work in a diverse environment
- Proficiency in language of operation

May be Required

Red Seal certification as Industrial Mechanic/Millwright
High school diploma or equivalent

- Valid driver's licence (or eligible for a driver's licence) with few or no current infractions

Assets

- Willingness to relocate
- Other languages