

MECHANIC

Mechanics in the mining industry inspect, repair and maintain light vehicles, trucks and mine support equipment such as shotcrete sprayers, scissor lifts, boom trucks and forklifts.

Job Description

- Proactive about workplace safety and follows all rules and legislation for using equipment and tools
- Conduct preventive maintenance through scheduled inspections, servicing, adjustments, troubleshooting and repair of light vehicles and mine support equipment
- Perform ad hoc repair tasks, as required
- Fix mechanical and electrical problems quickly and effectively so vehicles are available as much as possible
- Maintain equipment according to manufacturer specifications
- Keep work station tidy in the maintenance shop and wherever maintenance work is carried out
- Contribute to worksite improvements in safety, productivity and cost effectiveness

Compensation

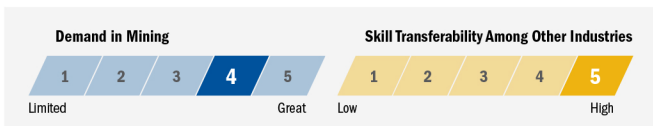
\$27.00/hour

\$51.20/hour

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

Apprentices are typically paid a percentage of the full wage beginning at 75% and increasing with experience.

Job Prospects



Why are People Attracted to this Career?

Mechanics perform a lot of hands-on work using a variety of tools. It is a perfect fit for people who are passionate about engines, carburetors and transmissions, and who have several years of experience working with cars and trucks. Mechanics do what they love and gain a deeper knowledge of how mechanical, electrical and computer systems work.

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

Note: conditions vary according to employer and region.

Mechanics in the mining sector use computerized diagnostic equipment to test, adjust and repair key vehicle components such as engines, steering systems, braking systems, drive trains, vehicle suspensions and electrical systems. They also reassemble and test repaired items against manufacturer standards, as well as perform preventative maintenance such as wheel alignments, oil changes and tune-ups. They have the opportunity to work with a wide variety of equipment and machinery, which can be challenging and rewarding. This career can be demanding as Mechanics are often on their feet or bent over in uncomfortable positions most of the day. In some cases, they may have to lift up to 23 kg (50 lbs) (based on job research, 2014) and occasionally use cranes and hoists for lifting.

Success Profile

- ☒ Computer diagnostic and testing equipment proficiency
- ☒ Dependable and patient
- ☒ Embraces new technology
- ☒ Excellent manual dexterity
- ☒ Rational and analytical
- ☒ Strong communication and listening skills
- ☒ Strong math, diagnostic and computer skills
- ☒ Works well in a team and independently
- ☒ Works well under pressure

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

- Completion of a three or four-year apprenticeship program that combines classroom instruction with on-the-job training
- Journey person Trade Certificate as Mechanic (check the requirements for your province or territory)
- Must be able to read and understand manuals and written instructions in language of operation
- Valid driver's licence (or eligible for a driver's licence) with few or no current infractions
- High school diploma or equivalent
- 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 in a related trade

Assets

- Willingness to relocate
- Other languages