

# MECHANICS (MILLWRIGHT, HEAVY EQUIPMENT, LIGHT VEHICLE)

## ABOUT THIS JOB

Heavy Equipment and Light Vehicle Mechanics maintain and repair mining equipment. Millwright Mechanics maintain and repair stationary equipment located in a processing plant. A Heavy Equipment Mechanic performs preventative maintenance and repairs on electric shovels, and haul trucks, loaders and other heavy equipment. Mechanics must have the ability to manage time independently with limited supervision, possess good communications skills, and the ability to train and assist others.

## MECHANICS PERFORM THE FOLLOWING TASKS:

- Maintain and repair machinery
- Provide preventative maintenance on vehicles and machinery
- Examine and adjust vehicles' safety features, change oil, check batteries, adjust brakes and grease parts
- Clean or replace parts, pistons, bearings, gears and valves
- Use hand-held computers like motor analyzers, chassis charts and pressure gauges to identify problems and take systems apart to fix them
- Read job orders to learn what work should be done on vehicles
- Listen to the sound of engines to identify problems
- Follow factory guidelines for upgrading parts or tuning engines
- Install parts and identify how they fit within the engine

## PREPARATION AND TRAINING FOR THIS POSITION

A high school diploma or GED, and a two-year technical degree or occupational endorsement are preferred. Previous on-the-job training or an apprenticeship program is also beneficial.



## EDUCATION:

- \* **HIGH SCHOOL DIPLOMA OR GED**
- \* **VOCATIONAL SCHOOL PREFERRED**
- \* **APPRENTICESHIP PREFERRED**

