

MINING TECHNICIAN / OPERATOR ROLES

The following is a comprehensive listing of Operator and Technician jobs in the underground and open cut mining industry. For those entering the industry, obtaining the necessary licenses to drive/operate one piece of mobile equipment may be enough to get an entry level position and then train in the operation of other equipment. Commencing as a Truck Driver is often the quickest and most effective approach. Where possible, we have also included an indication of the type of roles which are often denoted as 'entry level' by larger organisations such as BHP Billiton or Rio Tinto.

BELTRUNNER

A Belrunner monitors and maintains a typically fully automated underground crushing and material handling system which transfers ore and mullock material. Other responsibilities may include:

- Liaison with winder driver in regard to systems status, material type changes and job priorities;
- Monitor and clean all transfer points and chutes on a regular basis to ensure smooth operation;
- Clean loading pocket flasks and associated levels as required in schedule;
- Regular inspection of MHS (materials handling system) and reporting of any damage or faulty equipment;
- Clean down of the MHS daily to ensure a high standard of cleanliness is maintained;
- Ensure accurate end of shift reports are completed.

Skills & Experience

- **Minimum:** Knowledge of underground process and material handling systems. Previous experience with crushers and conveyors.
- **Ideal:** Previous experience operating crushers and conveyor belts. Experienced rock breaker operators. Experienced in operating forklifts, bobcats and light vehicles. Experience in maintenance systems.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License, Forklift operator certificate.

Money

\$60,000 - \$120,000

BOGGER OPERATOR

Responsibilities include:

- Dig holes/scrape material from the inside of the open cut or underground surface;
- Carry material in the Bogger bucket and load material into a dump truck for transport;
- Regular inspection of the Bogger and reporting of any damage or faulty equipment;
- Clean down of the equipment daily to ensure a high standard of cleanliness is maintained;
- Ensure accurate end of shift reports are completed.

Skills & Experience

- **Minimum:** Knowledge of underground or open cut process and material handling systems, ability to read and comprehend written instructions and write basic correspondence and reports.
- **Ideal:** Experienced in operating forklifts, bobcats and light vehicles. Experience in maintenance systems.

Qualifications

- **Minimum:**, First Aid Certificate
- **Ideal:** WA Driver's License, Forklift operator certificate.

Money

\$60,000 - \$130,000

BOLTEC OPERATOR

Boltec Operators operate Boltec drilling rigs and are responsible for the correct installation of all ground support required to safely and efficiently mine material. Other responsibilities may include:

- Mark up for installation of various rock bolts.
- Install mine services when required.
- Communicate and plan with development crew and shift supervisor to optimize the mining plan.
- Ensure accurate end of shift reports.

Skills & Experience

- **Minimum:** Underground experience as a mechanical bolter operator. Detailed knowledge of the operation of large automated bolting equipment for installing various rock bolts. Ability to read and understand detailed survey prints and layouts. Ability to read and understand designed ground support plans. . Basic electrical and mechanical knowledge of jumbo rigs.
- **Ideal:** Experience in operation of single or two boom electric hydraulic jumbos. Experience in operations of underground loaders, mechanical bolters, and light vehicles. Experienced with charge up.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License,

Money

\$60,000 - \$130,000

BULLDOZER OPERATOR

Bulldozer operators are responsible for the safe and efficient operation of bulldozers, using the blade and other attachments to gouge out and move rock, earth and other materials. Other responsibilities may include:

- Operate the Bulldozer to move overburden;
- Carry out basic maintenance, adjustments and repairs, if qualified;
- Carry out pre start checks;
- Set levels;
- Use machines to anchor form and remove obstruction on roads.

Skills & Experience

- **Minimum:** Knowledge of underground or open cut process and material handling systems, ability to read and comprehend written instructions and write basic correspondence and reports.
- **Ideal:** Experienced in operating forklifts, bobcats and light vehicles. Experience in maintenance systems.

Qualifications

- **Minimum:**, First Aid Certificate
- **Ideal:** WA Driver's License, Forklift operator certificate.

Money

\$60,000 - \$110,000

CABLE BOLT MINER

The Cable Bolter Miner operates the cable bolt drill to drill bolt holes and install grout cables. They are responsible for undertaking all cable bolt drilling and installation to ensure that targets are reached in a safe and efficient manner. Other responsibilities may include:

- Drill holes in accordance to the surveyed engineered plans to maximize the drill pattern and installation of the cable bolts (including grouting);
- Maintain drill accuracy in accordance to operating procedures;
- Provide ongoing feedback to the shift supervisor and when required technical staff;
- Ensure accurate end of shift reports;
- Follow maintenance procedures to maximize operational effectiveness of equipment.

Skills & Experience

- **Minimum:** Cable Bolting experience in an underground environment. Knowledge of maintenance procedures and safe equipment cleaning practices. Ability to read and understand Cable Bolting drill layouts. Ability to use laser and inclinometer line up tools.
- **Ideal:** Basic electrical and mechanical knowledge of Cable Bolting drilling equipment. Knowledge of grouting preparation and installation techniques. Previous experience in operating Cabolter drill rig, Single Boom Jumbo Longhole rigs, Longhole rigs, integrated tool carriers, and light vehicles, and manual installation and grout cable bolts.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License

Money

\$60,000 - \$110,000

CHARGE UP OPERATOR

The Charge Up Operator is responsible for undertaking all blasting activities, including the preparation and charging of blast holes along with coordinating other charge up personnel. The Charge Up Operator typically takes instruction from the Production or Development Charge Up Miner. Other responsibilities include:

- Uses explosives to ensure that powder factors conform to budget forecasts with maximum advance and break tonnes being achieved for the holes charged;
- Conducts preparation of blast holes in accordance with site procedures to minimise misfires and improve utilisation of explosives;
- Ensures accurate end of shift reports.

Skills & Experience

- **Minimum:** General experience with loading explosives. Ability to obtain a site blasting certificate.
- **Ideal:** Charging experience in an underground operation. Experienced in the operation of Charge vehicles. A complete understanding of State explosive regulations.

Qualifications

- **Minimum:** WA Driver's License, First Aid Certificate, Site blasting certificate.

Money

\$60,000 - \$120,000

CONSTRUCTION MINER

A Construction Miner installs Pastefill lines, ancillary works and operates the paste plant required to maintain Pastefill production throughout the surface and underground operation of the mine. Other responsibilities include:

- Install Pastefill pipelines, air, and water and pump lines as required for Pastefill.
- Install mine ventilation ducting, fans and regulators required for Pastefill.
- Install electric cables and infrastructure for Pastefill underground equipment.
- Construct Pastefill brattice walls.
- Operate Pastefill plant.

Skills & Experience

- **Minimum:** Knowledge and experience in installing Pastefill pipelines. Experienced and knowledgeable in construction activities throughout a mine including construction of bulkheads, regulators and brattice walls. Ability to run a Pastefill plant. Required to operate an Integrated Tool Carrier, forklift, bobcat, light vehicles and hand held air mining tools. Knowledgeable in maintenance and cleaning schedules for safe operation of the Pastefill plant, and construction activities.
- **Ideal:** Experience in other mining activities such as material handling systems including conveyor belts and crushers. Experienced in production and development mining. Experience in working with and forming concrete.

Qualifications

- **Minimum:**, First Aid Certificate
- **Ideal:** WA Driver's License, Forklift operator certificate.

Money

\$70,000 - \$120,000

DEVELOPMENT CHARGE UP MINER

The Development Charge Up Miner supervises and coordinates charge-up personnel to charge development drill holes and production stopes. They are responsible for undertaking all blasting activities to ensure that targets are reached in a safe and efficient manner. Charge Up Miners are typically an appointed position by the Mine Manager, and are required to understand and act in accordance to the relevant State Mines Explosives Regulations. Other responsibilities may include:

- Use explosives to ensure that powder factors conform to budget forecasts with maximum advance and break tonnes being achieved for the holes charged;
- Conduct preparation of blast holes in accordance with site procedures to minimise misfires and improve utilisation of explosives;
- Provide ongoing feedback to the shift supervisor;
- Ensure accurate end of shift reports.

Skills & Experience

- **Minimum:** Mine charging experience. Experienced in the operation of Charge vehicles. A complete understanding of site, and State explosive regulations.
- **Ideal:** Understanding of, or exposure to drilling development blast holes. Experience with centralized blasting systems, loading ANFO mechanically. Previous experience in operating underground loaders, integrated tool carriers, ANFO charging kettles and light vehicles. Experience in loading emulsion explosives in production blast holes.

Qualifications

- **Minimum:**, First Aid Certificate, Site blasting certificate.
- **Ideal:** WA Driver's License

Money

\$80,000 - \$130,000

DRILLER

Drillers move, set up and operate drilling rigs and related equipment to drill holes for mineral exploration. Other responsibilities may include:

- Move rigs onto site and set them up;
- Position drills and set angles and depths;
- Start and stop drills and coordinate utility workers on site;
- Check equipment and progress throughout operation;
- Operate secondary equipment, such as pumps (air and mud) and equipment used to prevent and correct problems;
- Record performance details and take drill core samples;
- Carry out minor maintenance and repairs, and
- Dismantle and move rig to next site.

Skills & Experience

- **Minimum:** Must be 18 years of age and have worked in a drilling environment in a remote area, for example driller's offsider. Ability to record details accurately, as precision is crucial to the safety of the exploration. Mine charging experience. Mechanical aptitude.
- **Ideal:** Understanding of, or exposure to drilling processes and rigs.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License

Money

Surface Driller: \$70,000 – \$120,000

Underground Driller: \$80,000 – \$130,000

EXCAVATOR OPERATOR (may be an entry level position)

Excavator operators operate excavators to dig, move and load earth, rock or other materials. Other responsibilities may include:

- Load and unload plant from low loaders and manoeuvre it around site operations;
- Communicate with truck drivers and other personnel to coordinate operations;
- Operate equipment to excavate to correct levels and alignment, working from drawings and markers;
- Back-fill trenches;
- Select and change excavator attachments, and
- Service equipment.

Skills & Experience

- **Minimum:** Experience operating similar earth moving equipment in a construction or industrial environment. Knowledge of equipment cleaning and maintenance procedures.
- **Ideal:** Knowledge of production and development mining activities. Experience in operating trucks and light vehicles.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License,

Money

65,000 - \$122,000

GRADER OPERATOR (may be an entry level position)

Grader operators operate Graders to spread and level materials on site. Other responsibilities may include:

- Level surfaces by making repeated passes over working areas and observing survey pegs or signals from co-workers;
- Dig out ditches by tilting grader blade;
- Break up surface with scarifying attachments, and
- Service equipment regularly.

Skills & Experience

- **Minimum:** Experience maintaining roadways using graders. Understanding of road chambers and water drainage. Knowledge of equipment cleaning and maintenance procedures.
- **Ideal:** Knowledge of production and development mining activities. Experience in operating integrated tool carriers, trucks, and light vehicles.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License,

Money

65,000 - \$122,000

JUMBO MINER

Jumbo Miners operate Jumbo drilling rigs, mine material and install ground support according to quality specifications. They are responsible for the quality and quantity of machined excavations in accordance with mine layouts and survey direction. Other responsibilities may include:

- Face mark ups in accordance with geological, statutory, and survey specifications;
- Install all ground support, except cable bolts and shotcrete;
- Sink the main access declines and open up the new stopping areas;
- Install mine services when required;
- Minimise secondary breakage and over-break;
- Operate trucks;
- Install mine services when required;
- Maintain a high level of communication with other ramp traffic;
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Experience as a Jumbo operator. Detailed knowledge of the operation of large jumbos (single or multi-boom) for developing and installing ground support. Ability to read and understand detailed survey prints and layouts. Ability to read and understand designed ground support plans. Basic electrical and mechanical knowledge of jumbo rigs.
- **Ideal:** Experience in operation of two boom electric hydraulic jumbos. Experience in operations of loaders, mechanical bolters, and light vehicles. Experienced with charge up.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License,

Money

\$90,000 - \$180,000

LOADER OPERATOR

Loader Operators transport broken material from development headings or stope draw points, maintain level roadways to maximize safety and haulage rates and are typically responsible for bogging out both development, and production work areas. Other responsibilities may include:

- Prepare development face for bogging by applying approved water and scale procedures;
- Load trucks with broken material and direct truck driver to correct destinations for various material types;
- Liaise with charge up personnel to ensure stope draw points are left in a safe condition for subsequent ring charging;
- Regulate ore pass levels and materials handling systems feeds;

- Follow maintenance procedures to maximize operational effectiveness with equipment.
- Roadwork as required.

Skills & Experience

- **Minimum:** Loader experience in an underground or surface environment. Knowledge of maintenance procedures and safe equipment cleaning practices. Ability to operate a loader to maximize haulage and minimize damage. Ability to obtain a site blasting certificate.
- **Ideal:** Basic mechanical knowledge of loaders. Previous experience in operating integrated tool carriers, and light vehicles. Knowledge of tyre and bucket wear on loaders. Understanding of a sub level cave, or block cave mining operation (for underground operations).

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License,

Money

\$60,000 - \$120,000

LONGHOLE MINER

Longhole Miners operate single boom Longhole Jumbo drilling rigs to drill blast holes for production of stope ore. They are also typically responsible for undertaking all production holes drilling to ensure that targets are reached in a safe and efficient manner, including setup to design, accuracy in drilling and operation of equipment including operator maintenance. Other responsibilities may include:

- Drill holes in accordance to the surveyed engineered plans to maximize drill pattern and explosive breakage;
- Maintain drill accuracy in accordance to operating procedures;
- Provide ongoing feedback to the shift supervisor and when required technical staff;
- Ensure accurate end of shift reports;
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Longhole drilling experience, with knowledge of maintenance procedures and safe equipment cleaning practices. Ability to read and understand Longhole drill layouts. Ability to use laser and inclinometer line up tools.
- **Ideal:** Basic electrical and mechanical knowledge of Longhole drilling equipment. Knowledge of charging techniques for production blast holes. Ability to use remote drilling techniques. Previous experience in operating Solomatic / Data Solo drills, Single or multi Boom Jumbo Longhole rigs, and light vehicles.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License

Money

\$90,000 - \$180,000

MINE UNDERGROUND STORE OPERATOR (may be an entry level position)

The Mine Store Operator operates the Lamp Room and ensures that all store ancillary equipment is stored, maintained and cleaned to standard. Other responsibilities may include:

- Maintain lamp room, Caplamps and associated Personal Protective Equipment (PPE);
- Deliver ordered stock throughout the mining department;
- Maintain PPE stocks, visitors clothing and stores as required;
- Maintain system for issuing of gas detectors and hand held radios;
- Maintain and modify a system of lockers number allocations for new personnel and removal of locker numbers when personnel leave;
- Ensure Winder building is kept at a high level of cleanliness;
- Assist in other areas maintaining a high level of housekeeping as defined by the shift supervisor.

Skills & Experience

- **Minimum:** Basic computer skills. Organisation and warehousing skills.
- **Ideal:** Previous experience as a storeperson. Experience in operating light vehicles, and store trucks.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License

Money

\$50,000 - \$90,000

MINE UTILITY (may be an entry level position)

A Mine Utility cleans vehicles, crib rooms, toilets and other designated ancillary equipment. Other responsibilities may include:

- Clean the inside and outside of assigned vehicles to a high standard;
- Clean and maintain Crib Rooms to a neat and tidy condition;
- Clean and maintain toilets so that they are kept tidy and hygienic;
- Clean other areas as directed to maintain a high level of housekeeping.

Skills & Experience

- **Minimum:** Ability and willingness to clean mine areas.
- **Ideal:** Experienced in cleaners, solvents and tools required to clean. Mechanically inclined. Willingness to work in an underground environment.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License

Money

\$50,000 - \$90,000

MINER/MINING TECHNICIAN

This position title is often a 'catch all' for any position requiring the operation of mining equipment, and typically includes all of the positions cited in this guide. When organisations advertise for Mining Technicians, they are seeking individuals who are experienced in any one or more of the positions in this guide. Refer to individual listings for further information.

MINE CONTROLLER

The Mine Controller effectively controls the movement of mining equipment/plant in a coordinated manner to ensure production targets are achieved in a safe manner. Other responsibilities may include:

- Record movements and communicate between Supervisors and all personnel in the mine to ensure safe equipment/plant movement;
- Entering accurate production and movement data;
- Record all radio transmissions in case of emergency and assist in coordination of emergency procedures;
- Log equipment downtime and effectively communicate between maintenance, fixed plant and mining to improve utilization of manpower and equipment;
- Maintain an ore handling movement log of levels of materials in all ore levels;
- Monitor underground infrastructure such as fans, pumps and emergency systems;
- Participate in blasting procedures;
- Produce end of shift reports.

Skills & Experience

- **Minimum:** Excellent literacy and communications skills. Ability to communicate effectively over the radio and telephone. Good administration and computer literacy skills.
- **Ideal:** Experienced Mine Controller in a mine environment. A dispatcher or radio operator (controller). Ability to drive a light vehicle. Experienced with emergency procedures.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** WA Driver's License,

Money

\$80,000 - \$130,000

NIPPER (may be an entry level position)

Nippers transport materials/consumables and personnel to mine work areas. Other responsibilities may include:

- Set – up headings for development jumbos and assist operators when required;
- Clean rubbish from the mine;
- Maintain the mine dewatering system;
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Mechanically inclined.
- **Ideal:** Knowledge of mine operations such as jumbo drilling. Knowledge of typical mine supplies and deliverables. Ability to operate a light vehicle underground and on the surface.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License

Money

\$50,000 - \$90,000

PLAT OPERATOR

Plat Operators transport materials and workers in the shaft in an underground environment (via the lifts and cages). Other responsibilities may include:

- Maintain housekeeping standards on the brace and plats.
- Wash cage floor before man runs and as required.
- Assist with conveyance and maintenance inspections.

Skills & Experience

- **Minimum:** Knowledge of cage rope capacities, shaft workings and statutory code of conveyance signals.
- **Ideal:** Previous experience in driving winders and working in shafts. Knowledge and experience with material handling systems including crushers and conveyors.

Qualifications

- **Minimum:**, First Aid Certificate
- **Ideal:** WA Driver's License, Winding engine drivers certificate of competency.

Money

\$50,000 - \$90,000

PROCESS TECHNICIAN

A Process Technician is the mining production equivalent of a Mining Technician and normally operates a designated section of a process plan on a mine site, smelter or refinery. Responsibilities may include:

- Operate a designated section of the process plant safely and according to the documented procedures and within control bounds at all times;
- Monitor process plant equipment to ensure it is operating at optimum levels and take corrective actions when this is not the case;
- Work with the maintenance personnel to ensure the plant is safe to maintain;
- Take responsibility for a designated section of the process plant for the duration of each rostered shift;
- Ensure systems, procedures and work instructions for the safe operation of the process plant are always used;
- Ensure the permit-to-work system is used when required and standards are not compromised;
- Prepare a hand over log for the next shift at the end of every rostered shift;
- Complete area log sheets as required;
- Take mineral samples for laboratory testing;
- Report to your Supervisor any safety, environmental and production incidents that occur within the section;

- Indirectly minimize costs through efficient operation of equipment, following guidelines and reporting discrepancies.

Skills & Experience

- **Minimum:** Good verbal, written and computer skills, sound problem solving skills, ability to communicate effectively, work and interact within a dynamic production environment, highly self motivated, conscientious and reliable. Mechanical aptitude.

Qualifications

- **Minimum:** Current driver's license, previous experience working and/or operating a hydro-metallurgical plant or continuous process chemical refinery, previous experience working a continuous shift roster, sound understanding of permit-to-work and job hazard analysis systems.
- **Ideal:** Experience in the operation of autoclaves, a current First Aid Certificate and Forklift License. A trade qualification such as Fitting, Electrical or Boilermaker is generally highly regarded and often a pre-requisite for oil and gas.

Money

\$50,000 - \$90,000

PRODUCTION CHARGE UP MINER

The Production Charge-Up Miner is responsible for undertaking all blasting activities to ensure that targets are reached in a safe and efficient manner, including the preparation and charging of blast holes along with coordinating other charge up personnel. Charge Up Miners are an appointed position by the Mine Manager, and are required to understand and act in accordance to the relevant State's Mines Explosives Regulations. Other responsibilities may include:

- Uses explosives to ensure that powder factors conform to budget forecasts with maximum advance and break tonnes being achieved for the holes charged;
- Conducts preparation of blast holes in accordance with site procedures to minimise misfires and improve utilisation of explosives;
- Provide ongoing feedback to the shift supervisor;
- Ensures accurate end of shift reports.
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Charging experience in an underground or surface operation. Experienced in the operation of Charge vehicles. A complete understanding of site, and State explosive regulations.
- **Ideal:** Understanding of or exposure to drilling production blast holes. Experience with centralized blasting systems, emulsion loading and mechanically loading up holes. Previous experience in operating loaders and integrated tool carriers.

Qualifications

- **Minimum:** First Aid Certificate, Site blasting certificate.
- **Ideal:** WA Driver's License

Money

\$80,000 - \$140,000

SERVICE CREW (may be an entry level position)

Those working in the Service Crew install mine services and ancillary works required to maintain production throughout the operation of the mine. Other responsibilities may include:

- Install air, water and pump lines;
- Install mine ventilation ducting, fans and regulators;
- Install electrical cables and infrastructure;
- Tension mine cable bolts;
- Maintain mine dewatering system.
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Mechanically inclined.
- **Ideal:** Knowledge of mine services including air, water, electrical, and ventilation installations. Knowledge of mine dewatering systems and pipe installation. Ability to operate an integrated tool handler and light vehicles. Ability to operate pneumatic powered air leg rock drills

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License

Money

\$60,000 - \$100,000

SERVICE SPECIALIST

The Service Specialist coordinates the Service Crew personnel to ensure the safe and efficient installation of mine services and ancillary works required to maintain production and development throughout the mine operation. The Service Specialist is responsible for maintaining communication with the shift supervisor to completed all tasks and avoid re-work, and is required to foreword plan to ensure disruptions to the mining operations are minimal. Other responsibilities may include:

- Mining where required;
- Install air, water and pump lines;
- Install mine ventilation ducting, fans and regulators;
- Install electrical cables and infrastructure;
- Maintain the mine dewatering system;
- Ensure accurate end of shift reports;
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Knowledge of mine services including air, water, electrical, and ventilation installations. Knowledge of mine dewatering systems and pipe installation. Ability to operate an integrated tool handler and loaders. Ability to operate pneumatic powered air leg rock drills. Ability to tension cable bolts. Leadership qualities to work with a small group of service miners. Ability to obtain and work towards an Underground Mine Supervisors Ticket. Ability to work with and train new employees.
- **Ideal:** Knowledge of material handling systems, production and development mining activities.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Underground shift supervisor's certificate, Train the Trainer certificate and Driver's License.

Money

\$70,000 – 135,000

SHOTCRETER (may be an entry level position)

Responsibilities may include:

- Perform pre-start inspections on shotcrete equipment and light vehicle;
- Tram shotcrete machine to workplace and set up;
- Lay out necessary air hose length and connect to the machine;
- Operate shotcrete boom into position;
- Hydro scale the area (use of high pressure water to bring down rock prior to schotcreting);
- Guide transmixer/agitator truck into position behind shotcrete machine;
- Set up headings for development jumbos and assist operators when required;
- Transport personnel, and deliver materials/consumables;
- Clean and transport rubbish from the mine;
- Maintain mine dewatering system.
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Mechanically inclined.
- **Ideal:** Knowledge of underground operations such as jumbo drilling. Knowledge of typical mine supplies and deliverables. Ability to operate a light vehicle underground. Knowledge of and ability to perform emergency procedures.

Qualifications

- **Minimum:** First Aid Certificate
- **Ideal:** Driver's License

Money

\$50,000 - \$90,000

TRUCK OPERATOR

The Truck Operator is responsible for the movement of all broken material with correct destination communicated with the loader operator. Other responsibilities may include:

- Operate the truck to minimize damage on equipment, tyres and truck box and midships;
- Safe and efficient operation of trucks;
- Proper communications with ramp and mine traffic;
- Regulate ore pass levels and materials handling systems feeds;
- Maintain log books;
- Conduct pre-start checks, eg check brakes, oil, tyres, electrical systems, water, hydraulic and air;
- Load, or supervise loading, of material onto the truck;
- Follow maintenance procedures to maximize operational effectiveness with equipment.

Skills & Experience

- **Minimum:** Operation of large mine haulage trucks. Knowledge of maintenance procedures and safe equipment cleaning practices. Ability to operate a truck to maximize haulage and minimize damage.
- **Ideal:** Basic electrical and mechanical knowledge of trucks. Previous experience in operating trucks and light vehicles. Knowledge of tyre and box wear.

Qualifications

- **Minimum:** Heavy Duty Driver's License, Driver's License, First Aid Certificate.

Money

\$60,000 - \$100,000

SCRAPER OPERATOR

Scraper Operators are responsible for the safe and efficient operation of scrapers which pick up, haul, deposit and level earth on mining sites. Other responsibilities may include:

- Drive machines to scrape surfaces to a given depth and collect material in their bowls to be deposited elsewhere on site;
- Dump and spread material following the guidance of survey pegs;
- Service and make minor repairs to the equipment.

Skills & Experience

- **Minimum:** Knowledge of underground or open cut process and material handling systems, ability to read and comprehend written instructions and write basic correspondence and reports.
- **Ideal:** Experienced in operating forklifts, bobcats and light vehicles. Experience in maintenance systems.

Qualifications

- **Minimum:**, First Aid Certificate
- **Ideal:** WA Driver's License, Forklift operator certificate.

Money

\$60,000 - \$130,000