

ENGINEERING SUPERINTENDENT

Engineering Superintendents are part of the mine management team. They manage teams of engineers, lead new developments and keep the mine and mill running smoothly and safely.

Job Description

- Work with senior managers, other superintendents, engineers, technologists and technicians to provide engineering services and support to mining and processing activities
- Oversee many aspects of mine engineering, with specialist teams of engineers, technologists and technicians in mining, civil, mechanical, electrical, environmental, chemical or biological engineering
- Select and install new facilities or equipment, and design new processes
- Work on projects such as the development of new shafts, tunnels or mining areas, closing old areas, and site restoration
- Prepare and approve designs, specifications and plans
- Assign work to teams, oversee progress, solve problems, and take corrective action when required
- Prepare and negotiate budgets and monitor spending
- Prepare technical reports and briefs on equipment, safety, project progress and other matters
- Lead and participate in meetings and briefings, both formal and informal
- Recruit, train and develop employees, with support from HR specialists
- Oversee the development of engineers, technologists and technicians, providing support, encouragement, advice and guidance

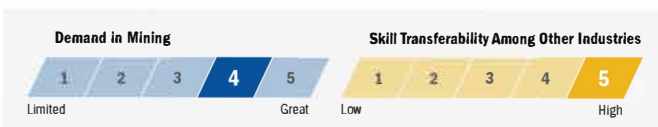
Compensation

\$134,725

\$166,944

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

Job Prospects



Why are People Attracted to this Career?

Engineering Superintendents are highly motivated to take on a senior position with increased responsibilities and challenging work. They are ambitious and appreciate the opportunity to work with new technologies and new processes, and to manage and develop their people. They like working on projects and solving problems. They also like to work with other senior managers and the broader perspective on the industry that comes with that collaboration.

What is it Like to Work as an Engineering Superintendent in Mining?

Note: conditions vary according to employer and region.

Engineering Superintendents are likely based in an office in (or near) the mine site. They spend some of their time in the mine and the processing mill, and also attend and sometimes chair mine management meetings.

Success Profile

- Delegates work to achieve results
- Earns and maintains respect by demonstrating credibility and integrity
- Influences people at all levels
- Makes and implements difficult decisions, and communicates the reasons for them
- Overcomes difficulties and solves problems with a positive attitude
- Is accountable for decisions and actions
- Understands and respects legislation, regulations and procedures concerning safety, employment and environmental protection
- Enjoys working on new projects and under pressure
- Strong organizational, critical thinking, communications, computer, troubleshooting, problem solving and interpersonal skills

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

- Post-secondary degree in mining or engineering
- Minimum of eight years of relevant experience including several years as an Engineer in mining or in heavy industry (e.g. oil and gas, petro-chemicals, steel, electricity generation)
- Knowledge of the mining industry
- Proficiency with word processing, spreadsheet and presentation software
- Proficiency with AutoCAD
- Must be able to pass a medical test
- Must be able to pass a drug test
- Willingness to lead in a diverse environment
- Proficiency in language of operation

Regional Requirement

- Bilingual French and English (Quebec and New Brunswick)

Assets

- 10–12 years of relevant experience
- Specialist mine planning and scheduling software, including 3D and visualization
- Willingness to relocate
- Other languages