

# ELECTRICAL TECHNOLOGIST

**EVERY TIME WE THROW ON A LIGHT SWITCH, WE ARE USING ELECTRICITY—** THAT'S NO SURPRISE. BUT HAVE YOU EVER THOUGHT ABOUT HOW ELECTRICITY IS USED IN INDUSTRY?

Can you imagine the importance of electricity to the safe operation of a mine? Do you like math?

Have an aptitude for interpreting and analyzing drawings and plans? Electrical technologists design, assemble, test and modify electrical circuits, equipment, machinery and systems that are essential to mine functioning.

## JOB DESCRIPTION

- **The electrical technician is part of a maintenance/construction team** that constructs/maintains/repairs mining and processing electrical equipment to ensure that the mining operation continues smoothly and efficiently.

## COMPENSATION

2007 TECHNOLOGIST-MINE

Average Annual Salary: **\$62,000**

## WHY ARE PEOPLE ATTRACTED TO THIS CAREER?

- The opportunity to **work anywhere in Canada (or the world)**. (Relocation allowances are generally provided.)
- **Financial rewards** for high achievers
- Opportunities for training and **career advancement and continuous learning**
- Opportunities to work with **new technologies**
- **High demand** for the best and the brightest

## LIFESTYLE EXPECTATIONS

[WITH SOME POSITIONS IN SOME COMPANIES]

- **READY TO WORK SHIFTS**
- **IF MINE IS IN REMOTE LOCATION:**
  - i) Time away from family for extended periods
  - ii) Live with work colleagues on a 24/7 basis for 2-3 weeks at a time, with 2-3 weeks off between work schedules
- **MINE MAY BE IN A RURAL COMMUNITY, WITH AN OPPORTUNITY TO ENJOY THE OUTDOORS, HUNTING, FISHING, HIKING AND SO FORTH**

# PERSONAL ATTRIBUTES

SOMEONE GOING INTO THIS LINE OF WORK SHOULD:

- i) Be a team player and communicate well with others, and also be able to work independently and make decisions on their own
- ii) Have an ability to visualize completed projects
- iii) Enjoy working with computers and all things mechanical
- iv) Be hands-on, problem-oriented, methodical and able to recognize and account for risk in managing tasks
- v) Have an ability to work under pressure
- vi) Have good time management skills
- vii) Be able to follow procedures (especially around potentially hazardous equipment)
- viii) Have a high level of respect for established safety procedures and regulations.
- ix) Accept challenges (such as a variety of working conditions, some severe) with patience, flexibility, adaptability, and fortitude
- x) Embrace new techniques and technologies
- xi) Be physically fit and mobile.

## CAREER PROGRESSION OPTIONS: ELECTRICAL TECHNOLOGIST

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### EDUCATION AND TRAINING

- Secondary school diploma is required
- Electrical technician diploma or a university degree in a related field is required
- Specialized on-site training as needed

