

MINE ELECTRICAL ENGINEER

ALTERNATIVE LABEL

DESCRIPTION

Mine electrical engineers supervise the procurement, installation and maintenance of mining electrical equipment, using their knowledge of electrical and electronic principles. They organise the replacement and repair of electrical equipment and components.

REGULATORY ASPECT

To see if and how this occupation is regulated in EU Member States, EEA countries or Switzerland please consult the Regulated Professions Database of the Commission. Regulated Professions Database:

http://ec.europa.eu/growth/single-market/services/free-movement-professionals/qualifications-recognition_en

- ✓ electrical engineer
- ✓ electrical engineer
- ✓ mine electrical technician
- ✓ mining electrical equipment officer
- ✓ mines electrical engineer
- ✓ mining electrical engineer
- ✓ energy specialist for refinement of fossil fuels
- ✓ energy specialist for mining
- ✓ mine electrical engineers
- ✓ electrical technologist

TECHNICAL SKILLS

ESSENTIALS

- ✓ advise on mine equipment
- ✓ design circuits using CAD
- ✓ develop improvements to the electrical systems

READ MORE +

OPTIONALS

- ✓ address problems critically
- ✓ assess operating cost
- ✓ monitor mine costs

READ MORE +

KNOWLEDGE

ESSENTIALS

- ✓ design drawings
- ✓ electrical engineering
- ✓ electrical mine machinery manuals

READ MORE +

OPTIONALS

- ✓ mathematics
- ✓ mining engineering

SOFT SKILLS



ADAPTABILITY

20%



CRITICAL THINKING

40%



DEPENDABILITY

60%



PROBLEM SOLVING

60%



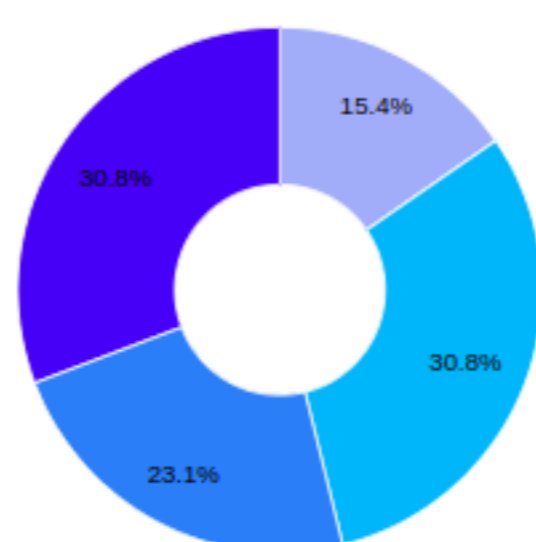
TEAMWORK

40%



WORK ETHIC

60%



- Social and linguistic skills
- Digital Skills
- Communication skills
- Organisation/Management skills

LEARNINGS



Mine Electrical Engineer