

PDP

Electrical Awareness

Introduction This PDP will provide operators of extractive mines with an understanding of electricity, the effect on humans and how it can be safely used within the quarrying and mining industries.

Duration 1 day

Potential Participants Senior management (Area managers), Middle management (Production managers), Quarry foremen / leading hands, Electrical professionals involved in the extractives industry, OHS professionals and site safety officers

CPD Points 7

Topics Covered As a result of completing this program the attendees should be able to:

- Identify the hazards associated with the design, installation, use and maintenance of electrical installations using a documented risk assessment approach.
- Identify the effect of electricity on humans and how electricity can be safely used within the mining industry.
- Identify the electrical principles that will allow management to be more actively involved in decision making and supervisory processes.
- Develop and implement an electrical management system in accordance with the requirements of state based legislation, AS/NZS 3000 and AS 3007.
- Identify the hazards and controls associated with welding management.
- Identify the testing of electrical installations required by AS/NZS 3000, including the requirement to provide a certificate of compliance.
- Demonstrate an understanding of where to obtain additional technical publications and advisory material.



The Institute of Quarrying
Australia

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