

Environmental Management

Introduction To obtain an awareness of environmental management issues across the quarry industry and practical measures and strategies that can be implemented to reduce or ameliorate these issues.

Duration 1 day or 2 days

Potential Participants Quarry Manager, Quarry Supervisors, Quarry Leading Hands, Environmental Support, personnel or any person with a responsibility towards environmental management within their business or operation.

CPD Points 1 day – 7 points; 2 days -14 points.

Topics Covered This PDP is delivered across 15 Modules and includes two case studies. Modules include:

1. Legislative Framework – learners will be aware of legislative requirements for their relevant State or Territory.
2. Compliance and Reporting – learners will be aware of environmental reports, AEMR's, Annual EMP reviews, EPA annual returns, audits etc.
3. Quarry Design – learners will understand the advantages of good design and be aware of common quarry plan errors.
4. Water Management – learners will be aware of the principles of water management and managements strategies for both surface water and ground water.
5. Soil and Erosion – learners will be familiar with activities causing erosion and sediment issues, monitoring and management.
6. Air Quality – learners will be familiar with activities causing noise and nuisance, monitoring and management.
7. Noise and Vibration Management – learners will be familiar with activities causing vibration, monitoring and management.
8. Rehabilitation – learners will be aware of the process and requirements to plan for quarry closure.
9. Flora and Fauna – learners will be familiar with impacts of activities on flora and fauna, monitoring and management.



The Institute of Quarrying
Australia

quarry.com.au

PDP

10. Aboriginal/European Heritage – learners will be familiar with legislation, monitoring and management.
11. Community Consultation – learners will explore a principles in a case study
12. Traffic – learners will be familiar with on and offsite issues, monitoring and management.
13. Hydrocarbons/Hazardous Materials – learners will be familiar with type of hydrocarbons and hazardous materials used in quarries, monitoring and management.
14. Visual – learners will explore principles of visual assessment a case study.
15. Waste Management – learners will be familiar with waste generation and management options.



The Institute of Quarrying
Australia

quarry.com.au