



SPA

SAFETY PASS ALLIANCE

PASSPORT

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Mineral Products

Course Aim

- To build on the basic Health and Safety information by concentrating on risks specifically found in the Mineral Extraction and Products Industry
- To understand the implications of: risk of personal injury, cost to the business, job security, environment not properly considered



Learning Outcomes

On completion of the course delegates will have the knowledge to successfully complete each module assessment paper:

- Demonstrate their understanding of the subjects by successfully completing each module assessment paper
- Appreciate how they personally can influence good standards within health safety & environment
- Understand the value of risk assessment and have the knowledge to recognise when change to a generic assessment is required
- Understand the common hazards associated with working in this sector

Your passport to safety!



Danger Areas

- Blasting and precautions
- Unprotected edges
- Crushers
- Excavations, tips and Lagoons
- Quicksand type material
- Conveyors

- Processing equipment
- Bitumen
- Cement
- Railways and Docks

Mobile Plant

- Consequences of accidents caused by breaking the rules
- Reversing vehicle hazards and relevant precautions
- Working with heavy and mobile plant
- Crane operation and slinging
- Vehicle condition
- Vehicle parking

Access and Working at Height

- Hazards relating to slips, trips and falls
- Good housekeeping
- Ladder and steps
- Safe practices in the use of scaffold towers and working on roofs
- The safe use of cherry pickers and man baskets
- Harnesses and clipping on when working at height

Hazardous Operations

- Safety precautions during normal, maintenance and breakdown work
- Fencing
- Isolation / lock-off procedures
- Permit to Work and example applications:
- Confined spaces, crusher clearance, conveyor tensioners

Excavations and Confined Spaces

- Safe working in excavations and confined space
- Precaution to prevent collapse
- Inspection requirements
- Access egress and prevention of falls
- Lighting, ventilation requirements
- Effect of weather
- Emergency procedure
- Confined space regulations
- Specified risks
- Control measures: basic precautions / permit

Health Risks Working in Quarries

- Dusts, diseases, noise, vibration, and dehydration
- Control risks measures including PPE

Environmental Considerations

- Public perception of environmental impacts
- Powers of inspectors / enforcing authorities and penalties
- Precautions to avoid spillage and groundwater

contamination

- Waste segregation and disposal
- Air pollution from dust and noise
- Ecology and Archaeology

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