

**WESTERN AUSTRALIA**  
**QUARRY MANAGER'S CERTIFICATE OF COMPETENCY**  
**MINING LAW EXAMINATION**

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2 October 2013

Time Allowed: **Three (3) Hours**

Reading Time: **15 minutes**

**Answers must be written in ink or ball point pen.**

**Note:** An aggregate of 60 percent is required for a pass.

**Advice to candidates**

**Read the questions carefully** before answering them in your own words.

Candidates are **not** expected to give the exact wording of the relevant sections or regulations but must include the main points contained in each of the respective sections or regulations of the Mines Safety and Inspection Act 1994 and Regulations which contain the answers to a question.

Beside each question are the marks allocated and the relevant section of the Act or Regulations.

**SECTION 1**

Questions 1 - 4 inclusive are **COMPULSORY**.

**SECTION 2**

Attempt any 12 of the 14 questions (numbered 5-18).

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# SECTION 1 (COMPULSORY)

## **Act Part 2 - General Duties Relating to Occupational Safety and Health**

1. The Act imposes a General Duty upon employers to provide, within the bounds of practicability, a working environment where employees are not exposed to hazards. In addition, the Act specifies particular matters which must be addressed.

Describe the duties of employers to their employees regarding these particular matters as prescribed in the Act.

10 s.9(1)

2. (a) What does the Act require with regard to the reporting of dangerous situations or occurrences by persons working in mines?

6 s.11(1)-(3)

(b) What must the manager do after receiving a report of any dangerous situation or occurrence?

4 s.11A(1)

## **Act Part 5 - Safety and Health Representatives and Committees**

3. Elections for safety and health representatives are sometimes required.

(a) Who is entitled to vote at an election?

0.5 s.56(8a)

(b) How is the election to be conducted?

0.5 s.56(8)

(c) When is a ballot not required?

1 s.56(9)

When the safety and health representative has been elected:

(d) Who does the person who conducted the election notify?

3 s.56(10)(a)&(b)

(e) What time limit is placed on the notification?

1 s.56(10a)(b)

(f) Who is empowered to resolve disputes in respect to the elections?

1 s.56(11)

Terms of office of an elected safety and health representative.

(g) What is the term of office of an elected safety and health representative?

0.5 s.57(1)

(h) When does that term of office commence?

0.5 s.57(1)

(i) What are two instances when a safety and health representative would cease to hold office?

2 s.57(2)

## **Act Part 7 – Specific Duties Relating to Occupational Safety and Health**

4. The Act requires that the District Inspector must be given immediate notice of certain occurrences, whether or not any bodily injury to any person or damage to the property resulted from the occurrence. Particulars of these occurrences must also be recorded in the record book.

List these 10 occurrences.

10 s.78(3)

## SECTION 2

From your knowledge of the **Regulations**, answer in your own words any **12 only** of the following 14 questions (numbered 5-18) which are taken from the respective parts as indicated. (Note: It is not necessary to include references to penalties in your answers).

### **Regulation Part 3 - Management of Mines**

5. What **general** details are required in the notification of commencement or suspension of mining operations? 5 3.12
6. The employer must ensure that biological monitoring is carried out when certain conditions are found.
- (a) List the 3 factors that must exist before biological monitoring becomes mandatory. 3 3.28(1)
- (b) Who is empowered to request that biological monitoring be carried out on employees not included in the above criteria? 1 3.28(2)
- (c) What may the employer be required to do with the results of the biological monitoring? 1 3.28(4)

### **Regulation Part 4 - General Safety Requirements**

7. Under the Regulations the manager and each employer is required to ensure that certain criteria are met, with regard to protective clothing and equipment.
- What criteria, in terms of provision and use, are required to be met? 5 4.1(1)&(2)
8. What is required under the Regulations with regard to the fitting and use of seatbelts in vehicles? 5 4.16

### **Regulation Part 5 - Electricity in Mines**

9. List the specific matters which the Regulations require each responsible person at a mine to ensure in relation to high voltage installations and operations. 5 5.18(2)(a)-(f)
10. Cables installed in a mine are required to be protected by a metallic covering.
- What are the five exceptions to this requirement? 5 5.20(3)

## Regulation Part 6 - Safety in Using Certain Types of Plant in Mines

11. Define the following
- |                      |     |     |
|----------------------|-----|-----|
| (a) Classified Plant | 2.5 | 6.1 |
| (b) Hoist            | 2.5 | 6.1 |
12. Plant in a mine is to be maintained and operated in a safe manner.
- |  |   |           |
|--|---|-----------|
| (a) What are the four requirements for risk reduction with respect to operational controls?    | 2 | 6.2(2)(g) |
| (b) What are the three requirements for risk reduction with respect to emergency stop devices? | 3 | 6.2(2)(j) |

## Regulation Part 7 – Occupational Health

13. When a noise report has been prepared the manager has certain requirements to fulfil.
- |  |   |         |
|--|---|---------|
| (a) Who receives a copy, or notification, of the report, or has the contents of the report communicated to them? | 3 | 7.11(1) |
| (b) What is required regarding the retention of the noise reports?   | 1 | 7.11(2) |
| (c) What action is required after the noise report is prepared?  | 1 | 7.11(3) |

## Regulation Part 8 - Explosives

14. (a) If blasting in a surface operation could constitute a public nuisance or danger, the manager is required to provide and install an audible warning device.  
What is required regarding the use of such audible warning devices?
- |  |   |         |
|--|---|---------|
|  | 3 | 8.26(4) |
|--|---|---------|
- (b) What do the regulations require in regards to the remedial action of refiring a misfired charge that consists of bulk AN-based explosive?
- |  |   |         |
|--|---|---------|
|  | 2 | 8.47(2) |
|--|---|---------|

## Regulation Part 9 - Ventilation and Atmospheric Contaminants

15. (a) What is required of each responsible person at the mine when conditions in any workplace are, or are likely to be, hot and humid?
- |  |   |         |
|--|---|---------|
|  | 3 | 9.15(2) |
|--|---|---------|
- When the wet bulb temperature reaches a certain level in a tunnel under a surge stockpile, the manager is required to ensure that a minimum air velocity is provided.
- |  |   |            |
|--|---|------------|
| (b) What is the wet bulb temperature level and the air velocity required?                      | 1 | 9.15(3)(a) |
| (c) What is required of each responsible person when extremes of heat or cold are experienced? | 1 | 9.15(1)    |

16. A person must not smoke in certain places .
- |  |     |             |
|--|-----|-------------|
| (a) List the places on the surface where smoking is prohibited.                                      | 2.5 | 9.31(a)-(c) |
| (b) What is required of each responsible person at a mine when asbestos removal work is carried out? | 2.5 | 9.32        |

**Regulation Part 13 - Surface Mining Operations**

- |  |   |       |
|--|---|-------|
| 17. What is required under the Regulations with respect to motor vehicle brakes? | 5 | 13.2  |
| 18. What do the Regulations require with respect to mine boundaries?             | 5 | 13.15 |

**END OF PAPER**

**WESTERN AUSTRALIA**  
**QUARRY MANAGER'S CERTIFICATE OF COMPETENCY**  
**MINING LAW EXAMINATION**

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April 2013

Time Allowed: **Three (3) Hours**  
Reading Time: **15 minutes**

**Answers must be written in ink or ball point pen.**

**Note:** An aggregate of 60 percent is required for a pass.

**ADVICE TO CANDIDATES:**

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Beside each question are the marks allocated and the relevant section of the Act or Regulations.

**SECTION 1**

Questions 1 - 4 inclusive are **COMPULSORY**.

**SECTION 2**

Attempt any 12 of the 14 questions (numbered 5-18).

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# **SECTION 1 (COMPULSORY)**

## **Act Part 2 - General Duties Relating to Occupational Safety and Health**

- |    |  |   |             |
|----|--|---|-------------|
| 1. | (a) What does the Act require with regard to the reporting of dangerous situations or occurrences by persons working in mines? | 6 | s.11(1)-(3) |
|    | (b) What must the manager do after receiving a report of any dangerous situation or occurrence?                                | 4 | s.11A(1)    |

## **Act Part 5 - Safety and Health Representatives and Committees**

- |    |  |   |          |
|----|--|---|----------|
| 2. | The Act requires the establishment, in certain circumstances, of a Safety and Health Committee.          |   |          |
|    | (a) List any 5 of the functions of a safety and health committee established in accordance with the Act. | 5 | s.63(2)  |
|    | (b) When is an employer obliged to establish a safety and health Committee?                              | 3 | s.65(1)  |
|    | (c) What is the required composition of a safety and health committee under the Act?                     | 2 | s.67B(3) |

## **Act Part 6 – Resolution of Safety and Health Issues**

- |    |  |   |                |
|----|--|---|----------------|
| 3. | The Act provides for the refusal by employee to work in certain cases.   |   |                |
|    | (a) On what grounds may an employee refuse to work for safety and health reasons?  | 2 | s.72(1)        |
|    | (b) Who must be notified by such an employee of their refusal to work for safety or health reasons?                              | 3 | s.72(2)        |
|    | (c) What arrangements may be made for the continuation of work under such circumstances?   | 1 | s.73           |
|    | (d) How is an employee to be paid if they refuse to work for safety or health reasons and what limitations apply to the payment? | 4 | s.74(1) & (1a) |

## Act Part 7 - Specific Duties Relating to Occupational Safety and Health

4. When a disabling accident occurs at a mine the manager is required to give notice of the accident.

- |   |   |         |
|---|---|---------|
| (a) Who is required to be notified?         | 2 | s.76(1) |
| (b) How is the notification to be given?    | 3 | s.76(2) |
| (c) What is classified as a serious injury? | 3 | s.76(4) |

The site of an accident on a mine shall not be disturbed, except under particular circumstances.

- |   |   |      |
|---|---|------|
| (d) What circumstances permit the site to be disturbed? | 2 | s.81 |
|---|---|------|



## SECTION 2

From your knowledge of the **Regulations**, answer in your own words any **12 only** of the 14 following questions (numbered 5-18) which are taken from the respective parts as indicated. (Note: It is not necessary to include references to penalties in your answers).

### **Regulation Part 3 - Management of Mines**

5. What **general** details are required in the notification of commencement or suspension of mining operations? 5 3.12

### **Regulation Part 4 - General Safety Requirements**

6. The Manager must provide guards and handrails in certain circumstances in a mine.
- (a) List these circumstances. 2 4.4(1)&(3)
- (b) What guarding must be provided for a ladder on a chimney stack or other elevated structure? 3 4.4(2)
7. A plan for dealing with emergencies is required to be prepared.
- (a) When is the plan to be prepared? 2 4.30(1)
- (b) What three general requirements should be included in the plan? 3 4.30(2)

### **Regulation Part 5 - Electricity in Mines**

8. What are the duties of the electrical supervisor on a mine? 5 5.11
9. What do the Regulations require regarding Isolation of equipment? 5 5.29

### **Regulation Part 6 - Safety in Using Certain Types of Plant in Mines**

10. Access to plant is sometimes required for the purpose of maintenance, cleaning or repair.
- (a) When the plant is stopped, what are the four measures that may be used to reduce the risk of exposure to any hazards? 4 6.21(c)
- (b) What measure is required to reduce the risk of exposure to hazards if it is not practicable for the plant to be stopped for the purpose of maintenance, cleaning or repair? 1 6.21(d)

11.	What do the Regulations require when an incident causes or is suspected of causing breakage, distortion, damage or failure of registered classified plant?	5	6.36
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### Regulation Part 7 - Occupational Health

12.	(a) What are the action levels for noise?	1	7.3
	(b) What methods of noise reduction must be considered by the manager when the action level is exceeded, or is likely to be exceeded?	2	7.5
	(c) What do the Regulations require with regard to personal hearing protection?	2	7.6
13.	A register of hazardous substances must be kept at the mine.		
	(a) What is to be set out in the register?	4	7.25(2)(3)
	(b) Who has access to the register?	1	7.25(4)

### Regulation Part 8 - Explosives

14.	What do the regulations require regarding firing warnings at surface mining operations where blasting does not constitute a public nuisance or danger?	5	8.26(1) & (2)
15.	(a) How must a person treat any charge in a designated blast which has not fired or exploded?	1	8.24(5)
	(b) The regulations specify that any rockdrill, shovel, machine or vehicle must not be operated, driven, or repaired within a distance from any hole which is being, or has been, charged for blasting on the same bench.		
	(i) What is that distance?	1	8.24(6)
	(ii) Under what circumstances does that distance not apply?	3	8.24(7)

### Regulation Part 9 - Ventilation and Atmospheric Contaminants

16.	A person must not smoke in certain places .		
	(a) List the places on the surface where smoking is prohibited.	2.5	9.31(a)-(c)
	(b) What is required of each responsible person at a mine when asbestos removal work is carried out?	2.5	9.32

## Regulation Part 13 - Surface Mining Operations

- |     |  |   |       |
|-----|--|---|-------|
| 17. | What do the Regulations require with regard to                                 |   |       |
|     | (a) Loading precautions in surface mines                                       | 3 | 13.4  |
|     | (b) Stockpile tunnel exits   | 2 | 13.13 |
| 18. | What do the Regulations require with regard to lighting in surface operations? | 5 | 13.6  |

**END OF PAPER**

**WESTERN AUSTRALIA**  
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**MINING LAW EXAMINATION**

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3 October 2012

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Reading Time: **15 minutes**

**Answers must be written in ink or ball point pen.**

**Note:** An aggregate of 60 percent is required for a pass.

**ADVICE TO CANDIDATES:**

**Read the questions carefully** before answering them in your own words. Candidates are **not** expected to give the exact wording of the relevant sections or regulations but must include the main points contained in each of the respective sections or regulations of the Mines Safety and Inspection Act 1994 and Regulations which contain the answers to a question.

The terms "health and safety" and "safety and health" are interchangeable so far as this examination is concerned.

Beside each question are the marks allocated and the relevant section of the Act or Regulation.

**SECTION 1**

Questions 1 - 4 inclusive are **COMPULSORY**.

**SECTION 2**

Attempt any 12 of the 14 questions (numbered 5 - 18).

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**SECTION 1 (COMPULSORY)**

## **Act Part 2 - General Duties Relating to Occupational Safety and Health**

1. The Act imposes a General Duty upon employers to provide, within the bounds of practicability, a working environment where employees are not exposed to hazards. In addition, the Act specifies particular matters which must be addressed.

Describe the duties of employers to their employees regarding these particular matters as prescribed in the Act.

10 s.9(1)

## **Act Part 5 - Safety and Health Representatives and Committees**

2. An employer is given notice under section 54 that a safety and health representative is required to be elected.

(a) How soon must the employer act on the request?

1 s.55(1)

(b) What actions must the employer take with respect to the request?

2 s.55(1)&(3a)

(c) Who else, other than an employee, can request that a safety and health representative be elected?

1 s.55(2)

(d) What matters are required to be determined in relation to the election of the representative(s)?

5 s.55(4)

(e) Who may be requested to conduct the election?

1 s.55(5)

3. (a) The Act requires that the manager and every employer at a mine must make available certain information to a safety and health representative. Regarding what matters must information be made available?

3 s.60(2)

(b) Under what circumstances must the manager and employers at a mine consult with the safety and health representatives at the mine regarding changes at the mine?

2 s.60(4)

(c) What action must an employer take regarding reporting of accidents and dangerous occurrences to a safety and health representative?

1 s.60(6)

(d) What facilities must an employer provide for a safety and health representative?

1 s.60(7)

(e) What are an employer's responsibilities regarding payment for the training of safety and health representatives?

3 s.60(7a)

## **Act Part 7 - Specific Duties Relating to Occupational Safety and Health**

4. What does the Act require in regard to:

- |  |   |      |
|--|---|------|
| (a) Manager to report potentially serious occurrences?               | 4 | s.79 |
| (b) Examination of accident location by trade union representatives? | 2 | s.80 |
| (c) Health surveillance of mine employees?                           | 4 | s.75 |

## **SECTION 2**

From your knowledge of the **Regulations**, answer in your own words any **12 only** of the 14 questions which are taken from the respective parts as indicated. (Note: It is not necessary to include references to penalties in your answers).

### **Regulation Part 2 - Administration**

5. When a dispute arises over health and safety concerns and there are no agreed procedures to settle the dispute, the manager must arrange to meet with certain people.
- (a) Which person or group of people must the manager meet with to resolve the dispute? 4 2.5(2)
- (b) When must the meeting be held? 1 2.5(3)

### **Regulation Part 4 - General Safety Requirements**

6. What do the Regulations require regarding:
- Fall arrest equipment? 5 4.5
7. (a) What is a person required to ensure before using a hose to transfer compressed air? 1 4.12(1)
- (b) What are the requirements regarding the use of compressed air for cleaning purposes? 3 4.12(2)(3a)(4)
- (c) What is required regarding the availability of first aid personnel at a mine? 1 4.26(a)(b)

### **Regulation Part 5 - Electricity in Mines**

8. What do the Regulations require regarding
- Isolation of equipment? 5 5.29
9. What do the Regulations require with regard to:
- (a) Trailing cables and reeling cables? 4 5.21
- (b) Cables and apparatus for signals and telephones? 1 5.22

## Regulation Part 6 - Safety in Using Certain Types of Plant in Mines

10. Under the Regulations an employer must identify all foreseeable hazards associated with plant at certain stages
- Name those stages. 5 6.17
11. When plant is dismantled, stored or disposed of, the employer is required to fulfill certain obligations. What is required of the employer when:
- (a) plant is dismantled? 2 6.24(1)
- (b) plant is stored? 1 6.24(2)
- (c) plant is disposed of? 1 6.24(3)
- (d) What are the requirements when classified plant is modified or repaired? 1 6.35

## Regulation Part 7 - Occupational Health

12. The principal employer and the manager must ensure that suitable places are provided for employees to eat their meals, and that potable water supplies are available. For surface operations, what are the requirements for:
- (a) Eating places? 3 7.17(2)
- (b) Potable water? 2 7.18(2)

## Regulation Part 8 - Explosives

13. What do the regulations require in regards to blasting in oxidising or reactive ground? 5 8.55
14. (a) What do the Regulations require with regard to fly rock in surface mining operations? 3 8.30(1)-(3)
- (b) What conditions govern the recharging of a hole that has been fired? 2 8.51



## Regulation Part 9 - Ventilation and Atmospheric Contaminants

15. When asbestos contamination is found on the mine:
- (a) What action must the manager take? 2 9.33(a)&(b)
  - (b) What method should be used to assess the airborne exposure to asbestos? 2 9.33(2)
  - (c) What dimensions define a countable fibre? 1 9.33(3)
16. For the purpose of regulations contained in Part 9 define the following:
- (a) **Short Term Exposure Limit** or **STEL** 1 9.1
  - (b) **TWA** (time weighted average) **concentration** 2 9.1
  - (c) **Peak** in relation to an exposure standard 2 9.1

## Regulation Part 13 - Surface Mining Operations

17. What do the Regulations require regarding  
The manager's responsibilities with respect to the design, layout, construction and maintenance of dumps and stockpiles? 5 13.5(1)
18. What do the Regulations require with regard to
- (a) Loading precautions in surface mines 3 13.4
  - (b) Stockpile tunnel exits 2 13.13

**END OF PAPER**

**WESTERN AUSTRALIA**  
**QUARRY MANAGER'S CERTIFICATE OF COMPETENCY**  
**MINING LAW EXAMINATION**

**18 April 2012**

Time Allowed: **Three (3) Hours**

Reading Time: **15 minutes**

**Answers must be written in ink or ball point pen.**

**Note:** An aggregate of 60 percent is required for a pass.

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Beside each question are the marks allocated and the relevant section of the Act or Regulation.

**SECTION 1**

Questions 1 - 4 inclusive are **COMPULSORY**.

**SECTION 2**

Attempt any 12 of the 14 questions (numbered 5-18).

---

# **SECTION 1 (COMPULSORY)**

## **Act Part 2 - General Duties Relating to Occupational Safety and Health**

- |    |  |     |             |
|----|--|-----|-------------|
| 1. | (a) What are the general duties of employees as required under the provisions of the Act?          | 1.5 | s.10(1)(a)  |
|    |  | 1.5 | s.10(1)(b)  |
|    |  | 1   | s.10(3)     |
|    | (b) List 3 specific means by which an employee could contravene the general duty of an employee.   | 6   | s.10(2)     |
| 2. | (a) What does the Act require with regard to the reporting of dangerous situations or occurrences? | 6   | s.11(1)-(3) |
|    | (b) What must the manager do after receiving a report of any dangerous situation or occurrence?    | 4   | s.11A(1)    |

## **Act Part 4 - Management of Mines**

3. The principal employer must appoint a quarry manager when any person is employed in a quarry.
- What qualifications are required of the quarry manager in charge of:
- |  |   |            |
|--|---|------------|
| (a) a quarry employing 25 or more persons?   | 2 | s.37(2)(b) |
| (b) a quarry employing less than 25 persons? | 2 | s.37(3)(b) |
- The number of persons employed in the operation of the quarry includes certain categories of work.
- |                                  |   |         |
|----------------------------------|---|---------|
| (c) List the various categories. | 1 | s.37(2) |
|----------------------------------|---|---------|
- Some quarries may be operated without a certificated quarry manager.
- |   |   |         |
|---|---|---------|
| (d) What are these two categories of quarry, and the conditions which govern their management?                          | 3 | s.37(4) |
| (e) If a certificated quarry manager is not required, who is responsible for the control and supervision of the quarry? | 1 | s.37(5) |
| (f) What conditions apply to exploration operations with regard to management appointments?                             | 1 | s.37(6) |

## **Act Part 6 – Resolution of Safety and Health Issues**

- |    |   |   |         |
|----|---|---|---------|
| 4. | The Act provides for the refusal by employee to work in certain cases.            |   |         |
|    | (a) On what grounds may an employee refuse to work for safety and health reasons? | 2 | s.72(1) |

- (b) Who must be notified by such an employee of their refusal to work for safety or health reasons? 3 s.72(2)
- (c) What arrangements may be made for the continuation of work under such circumstances? 1 s.73
- (d) How is an employee to be paid if they refuse to work for safety or health reasons and what limitations apply to the payment? 4 s.74(1) & (1a)

## **SECTION 2**

From your knowledge of the **Regulations**, answer in your own words any **12 only** of the 14 questions (numbered 5-18) which are taken from the respective parts as indicated. (Note: It is not necessary to include references to penalties in your answers).

### **Regulation Part 2 - Administration**

5. When a dispute arises over health and safety concerns and there are no agreed procedures to settle the dispute, the manager must arrange to meet with certain people.
- (a) Which person or group of people must the manager meet with to resolve the dispute? 4 2.5(2)
- (b) When must the meeting be held? 1 2.5(3)

### **Regulation Part 3 - Management of Mines**

6. The Regulations require that certain information be provided when giving notification of commencement of mining including the provision of a Project Management Plan for the mining operation.
- What do the Regulations require to be included in the Project Management Plan? 5 3.13(1)

### **Regulation Part 4 - General Safety Requirements**

7. What do the Regulations require regarding:
- Fall arrest equipment? 5 4.5

### **Regulation Part 5 - Electricity in Mines**

8. Cables installed in a mine are required to be protected by a metallic covering.
- What are the five exceptions to this requirement? 5 5.20(3)
9. Certain activities are not to be carried out in any powerline corridor unless the minimum clearances can be assured.
- (a) Define the term "powerline corridor". 2 5.28(2)
- (b) What are the activities that are not to be carried out? 3 5.28(1)(d)

### **Regulation Part 6 - Safety in Using Certain Types of Plant in Mines**

10. The employer must identify all foreseeable hazards and assess the risk of exposure. The assessment shall include one or more means of evaluation.
- List 5 of the methods that could be used. 5 6.17(2)
11. Where the design of existing plant is altered what are the employer's duties? 5 6.23

### Regulation Part 7 - Occupational Health

12. When a noise report has been prepared the manager has certain requirements to fulfill.
- (a) Who receives a copy, or notification, of the report, or has the contents of the report communicated to them? 3 7.11(1)
- (b) What is required regarding the retention of the noise reports? 1 7.11(2)
- (c) What action is required after the noise report is prepared?<sup>1</sup> 7.11(3)
13. The risk of exposure to hazardous substances must be prevented. If prevention is not practicable, this risk must be minimised.
- List the measures which must be taken to minimise the risk of exposure to hazardous substances. 5 7.28(2)&(3)

### Regulation Part 8 - Explosives

14. What is required by the regulations regarding :  
Drilling precautions – surface mining operations 5 8.22

### Regulation Part 9 - Ventilation and Atmospheric Contaminants

15. When asbestos contamination is found on the mine:
- (a) What action must the manager take? 2 9.33(1)(a)&(b)
- (b) What method should be used to assess the airborne exposure to asbestos? 2 9.33(2)
- (c) What dimensions define a countable fibre? 1 9.33(3)
16. For the purpose of regulations contained in Part 9 define the following:
- (a) **Short Term Exposure Limit** or **STEL** 1 9.1
- (b) **TWA** (time weighted average) **concentration** 2 9.1
- (c) **Peak** in relation to an exposure standard 2 9.1

### Regulation Part 13 - Surface Mining Operations

17.	What is required under the Regulations with respect to motor vehicle brakes?	5	13.2
18.	What do the Regulations require regarding Geotechnical Considerations?	5	13.8

**END OF PAPER**