



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

MINE SURVEYOR'S CERTIFICATE OF COMPETENCY EXAMINATION

MINING LEGISLATION

DATE: 12 APRIL 2016

TOTAL MARKS: 100
TO PASS: 60

TIME ALLOWED: 2 HOURS
(12h30 to 14h30)

NOTE:

- This question paper consists of **FOUR** pages including cover page.
- All questions must be answered.
- All answers and sketches to be presented in a neat and decipherable manner. Papers will not be marked if not decipherable.
- Restrict the use of highlighters.
- Do not use a red pen.
- Read the instructions on the front page of your answer book carefully.
- No cellular phones shall be allowed in the examination venue.
- The use of computers, laptops and palmtops is prohibited.

PART A – THE MINE HEALTH AND SAFETY ACT, 1996 (ACT 29 OF 1996) AS AMENDED AND RELEVANT REGULATIONS

QUESTION 1

State the objects of the above-mentioned Act.

[12 marks]

QUESTION 2

In terms of the “Definitions” in this Act, define the following:

(a) “Principal Inspector of Mines”. [2 marks]

(b) “inspector”. [2 marks]

(c) “owner, in relation to a mine”. [6 marks]

QUESTION 3

In terms of Section 4 of the Act “the Employer may entrust functions to another person”

(a) Who may the employer appoint to perform any function entrusted to such employer by sections 2 and 3 of this Act? [1 mark]

(b) Who must the employer notify of the appointment? [1 mark]

(c) Within what period? [1 mark]

(d) What details must be included in the notice? [3 marks]

(e) What must the employer “supply” and “take” with regard to the person appointed above? [2 marks]

PART B – REGULATIONS REGARDING SURVEYING, MAPPING AND MINE PLANS

CHAPTER 17 OF THE MINE HEALTH AND SAFETY ACT REGULATIONS (AS AMENDED)

QUESTION 4

- (a) Name the prescribed plan that must be immediately available for rescue purposes.

[1 mark]

- (b) Over and above the detail that must be shown on all prescribed mine plans, what further information is required to be shown on the plan mentioned in Question 4(a) above?

[12 marks]

- (c) How often is it required that the above-mentioned plan be brought up to date?

[1 mark]

- (d) What further measures must be taken by the employer of a coal mine, once the above plan has been brought up to date?

[2 marks]

QUESTION 5

- (a) State the detail required to be shown in the inventory of all prescribed mine plans.

[5 marks]

- (b) What does Regulation 17(3)(b) prescribe regarding survey records and plans?

[1 mark]

- (c) What do the regulations prescribe regarding boundary pillars to be left?

[6 marks]

QUESTION 6

In terms of Regulation 17(5), what are the employer's responsibilities regarding safety precautions to be taken at a mine?

[12 marks]

PART C – THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO 28 OF 2002) AND REGULATIONS

QUESTION 7

- (a) In terms of Section 53 of the above-mentioned Act, what are the requirements for any person who intends to use the surface of any land in any way which may be contrary to any object of this Act or which is likely to impede any such object?
[2 marks]
- (b) Which classifications of activities or land does the above clause not apply to?
[5 marks]
- (c) When may the Minister, on his or her own volition cause an investigation to be conducted?
[3 marks]
- (d) When an investigation is conducted in terms of the above-mentioned reason, what must the Regional Manager ensure?
[6 marks]

QUESTION 8

- (a) In terms of the above-mentioned Act, a mining permit may only be issued under certain conditions. What are these conditions?
[3 marks]
- (b) For what period is a mining permit valid and for how many periods may it be renewed?
[3 marks]
- (c) Briefly list the instances when any right, or permit, permission or license granted or issued in terms of the above Act, will lapse.
[6 marks]

QUESTION 9

In terms of this Act define “Chief Inspector of Mines”
[2 marks]

TOTAL 100 MARKS