



EXAMINATION PANEL REPORT

Certificate of Competence - Open Cut Manager

October 2012

APPLICATIONS

Number applied: 10

Number approved: 9

WRITTEN EXAMINATION

Date: 20 September 2012

Location: Kurri Kurri TAFE

Number of candidates: 9

Passed: 4 = (44.4% success rate)

Highest mark: 298 / 400

Average mark: 273

Written examination papers

OCM1 Legislation

Analysis of questions: OCM1 Legislation

All questions were required to be attempted.

Question 1 (Total Marks = 25 marks)

Harrassment - Scenario about harassment, legal rights and procedures.

An employee at your mine claims he is being bullied and harassed by the OCE.

What are his legal rights to resolve this matter? As the manager of mining engineering, how would you deal with this matter?

All 9 candidates attempted this question with an average mark of 10.

Total Highest Mark was 18. Total Lowest Mark was 5.

Your answer to this question needed to include information found in the WH&S Act 2011, Section 80, 81 & 82.

Question 2 (Total Marks = 25 marks)

Washery Extensions - Scenario about washery extensions carried out by a contractor and legal issues and procedures.

You are the Manager of Mining Engineering on a mine site which contains a washery for which you are responsible. The washery plans to bring a contractor on site to carry out extensions which will involve building an extra module. The washery needs to keep working whilst these extensions are being carried out. The extension

will be considered to be a separate operation but at times certain parts of the washery will need to be transferred to the contractor and vice versa. Legally, what do you need to do to enable this to occur?

All 9 candidates attempted this question with an average mark of 16.

Total Highest Mark was 20. Total Lowest Mark was 10.

Your answer to this question needed to include the following information. The washery extension area needs to be declared a Construction zone under the CMH& Act. You need to develop a procedure with the contractor as to how the change over of control can be carried out.

Question 3 (Total Marks = 25 marks)

Supervision - Scenario about supervision requirements under legislation on a mine site.

What sections of legislation require you as a Manager of Mining Engineering to supply supervision on a mine site? Explain the different types of supervision needed.

All 9 candidates attempted this question with an average mark of 15.

Total Highest Mark was 20. Total Lowest Mark was 10.

Most candidates dealt with the CMH&S Act and Regulations. The answer to this question needed to include information from Section 19 of the WH&S Act 2011 – Primary Duty of Care.

Question 4 (Total Marks = 25 marks)

Fume - Scenario about procedures around fume leaving the site after a shot.

The shot firer informs you that the shot just fired has caused fume to leave the site; what are you required to do?

X candidates attempted this question with an average mark of 10.

Total Highest Mark was 20. Total Lowest Mark was 0.

Your answer to this question required candidates to realise that this is now an immediate notifiable to the Department of Planning and the EPA

OCM2 Open Cut Mining Practice (60 marks each)

Analysis of Questions: OCM2 Open Cut Mining Practice

Required five (5) of the eight (8) questions are to be attempted. Questions 1 and 7 were compulsory.

Question 1 (Total Marks = 60 Marks) - COMPULSORY

Risk Management

This question was compulsory and dealt with Risk Management for a small open cut mine.

All 9 candidates attempted this question with an average mark of 46.

Total Highest Mark was 52. Total Lowest Mark was 39.

Question 2 (Total Marks = 60 Marks)

High Risk Activities – Highwall Mining

This question dealt with High Risk Activities, Risk Management and Highwall Mining project.

3 candidates attempted this question with an average mark of 44.

Total Highest Mark was 46. Total Lowest Mark was 40.

Question 3 (Total Marks = 60 Marks)

Blast Overpressure

This question dealt with Blast overpressure incidents and a review.

8 candidates attempted this question with an average mark of 43.

Total Highest Mark was 51. Total Lowest Mark was 31.

Question 4 (Total Marks = 60 Marks)

Slope Stability

This question dealt with Slope Stability and a review of the Slope Stability Management Plan.

All 9 candidates attempted this question with an average mark of 39.

Total Highest Mark was 54. Total Lowest Mark was 31.

Question 5 (Total Marks = 60 Marks)

Explosives and Shottfiring

This question dealt with Explosive and Shottfiring, and the introduction of an electronic blasting system.

2 candidates attempted this question with an average mark of 27.

Total Highest Mark was 28. Total Lowest Mark was 26.

Question 6 (Total Marks = 60 Marks)

Risk and Change Management

This question dealt with Risk and Change Management in relation to a raw coal bypass crushing facility.

5 candidates attempted this question with an average mark of 40.

Total Highest Mark was 51. Total Lowest Mark was 22.

Question 7 (Total Marks = 60 Marks) - COMPULSORY

Blast Fume

This question was compulsory and dealt with the Blast Fume and a Blast fume Management Strategy.

All 9 candidates attempted this question with an average mark of 34.

Total Highest Mark was 49. Total Lowest Mark was 12.

Question 8 (Total Marks = 60 Marks)

Coal Preparation

This question dealt with the Coal Preparation and CHPP processes.

0 candidate attempted this question.

Oral examination

Dates: 24 October 2012

Number of candidates: 8

Passed: 4 (50% success rate)

4 candidates were sitting post oral examinations from previous written exams.

4 candidates were from September 2012 Written Examinations.

Analysis of topics on which candidates were not yet competent:

Topics examined

- Legislative Framework
- High Wall Stability
- Explosives
- Transport Interaction
- Ravensworth Safety Alert