

DEMONSTRATE OCCUPATIONAL SAFETY AND HEALTH PRACTICES

Level 6

July/August 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. The paper consists of **TWO** sections; **A & B**
2. You are provided with a separate answer booklet
3. Marks for each question are as indicated
4. Do Not write on the question paper

*This paper consists of **THREE** printed pages*

*Candidates should check the question paper to ascertain that all pages are printed as indicated
and that no questions are missing*

SECTION A (40 MARKS)

Answer ALL the questions in this section.

1. Hazards are conditions, objects, substances or situations that have the potential to cause harm or damage. List FOUR unsafe workplace conditions that might lead to accidents. (4 marks)
2. Occupational Safety and Health studies the effects on health and well-being of workers, the working conditions and the environment. Highlight FOUR aims of OSH. (4 marks)
3. Accidents do not happen from a single cause and may turn to be complex. List FOUR benefits of reporting accidents. (4 marks)
4. Hazardous materials refer to any item or chemical which can cause damage to people, plants, or animals when released. Highlight FOUR factors considered during storage of hazardous materials. (4 marks)
5. To ensure the greatest possible protection for employees in the workplace, the cooperative efforts of both employers' and employees will help in establishing and maintaining a safe health work environment. Highlight FOUR responsibilities of employers as per *Occupational Safety and Health Act (2007)* requirements. (4 marks)
6. Different types of fires are extinguished by eliminating one or more elements of the fire triangle. List the FOUR main methods of extinguishing fires. (4 marks)
7. Occupational Safety and Health related records refer to documentation and data collected and maintained by organizations to track and manage various aspects of workplace safety and health. List FOUR types of records related to occupational health and safety. (4 marks)
8. Contingency planning involves organizing, planning, coordinating courses of actions to be followed in case of an emergency. Highlight FOUR aims of contingency planning. (4 marks)
9. Emergency response are actions taken in the initial minutes of an emergency. List FOUR emergency procedures that can be used to address hazards. (4 marks)
10. A fire Assembly Point is a predetermined safe location outside a building where all occupants of the building must report to upon evacuating the building in case of an alarm or fire. Highlight FOUR benefits of having fire assembly points. (4 marks)

SECTION B (60 MARKS)

In this section, attempt question 11 and any other TWO questions.

11. Two Rivers Manufacturing Company which is a medium-sized industrial facility, has been experiencing a rise in workplace accidents and incidents over the past few months. Concerns have been raised about the overall safety culture and the effectiveness of existing risk control measures.
- a. Explain FIVE indicators of a conducive Workplace Environment. (10 marks)
 - b. Discuss any FIVE appropriate risk control measures that can be implemented to mitigate risks. (10 marks)
12. Accident prevention involves all the steps and measures taken at all stages of work to prevent or reduce occupational risk.
- a. Explain FIVE measures that should be taken to reduce accidents. (10 marks)
 - b. Explain FIVE challenges faced in managing emergencies. (10 marks)
13. Accident response measures are a set of actions that are undertaken in the event of an accident or an emergency.
- a. Explain FIVE measures that would be taken in case of an emergency. (10 marks)
 - b. Describe FIVE ways of enhancing emergency preparedness. (10 marks)
14. It is important to identify the possible implications of hazards before embarking on hazard control strategy.
- a. Explain FIVE effects of hazards at the workplace. (10 marks)
 - b. Discuss FIVE purposes of having proper Personal Protective Equipment. (10 marks)

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