



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL CERTIFICATE

IN

WOOD TECHNOLOGY (MACHINING AND MANUFACTURING)

**MODULE: Maintenance of Safe Working
Standards**

PAPER NO: 370/22/M07

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

Answer booklet.

INSTRUCTIONS TO CANDIDATE

Answer ALL questions.

This paper consists of 3 printed pages.

QUESTION 1

- (a) In terms of health and safety of employees, state five responsibilities of an employer. (5 marks)
- (b) Write any five ways to create a workplace safety culture. (10 marks)
- (c) Abbreviation HASAWA, stands for what? (1 mark)
- (d) Explain four objectives of HASAWA. (4 marks)

QUESTION 2

- (a) Explain ten benefits of implementing safety and health programmes. (10 marks)
- (b) Explain in detail any five worker's fault which can lead to accidents in the workshop. (10 marks)

QUESTION 3

- (a) Explain the difference between hazard and risk. (4 marks)
- (b) Describe what is safety in the workplace. (5 marks)
- (c) Explain the difference between the following workshop electrical units:-
 - (i) distribution board
 - (ii) Isolator
 - (iii) emergency stop
 - (iv) wall sockets(8 marks)
- (d) Briefly explain the purpose of an Act. (3 marks)

QUESTION 4

- (a) State the four classes of occupational diseases. (4 marks)
- (b) Explain the following terms in relation to health and safety
 - (i) Illumination
 - (ii) Ventilation
 - (iii) Housekeeping

- (v) Accident (10 marks)
- (vi) Plant layout
- (c) Explain the responsibilities of the following members
 - (i) Safety officers
 - (ii) Manager
 - (iii) employees (6 marks)

QUESTION 5

- (a) Describe the purpose of implementing a SHEQ management system in an organisation. (4 marks)
- (b) How do you monitor and evaluate the effectiveness SHEQ management system. (5 marks)
- (c) How are fire prevention and fire safety protocols implemented in a woodworking machine shop. (5 marks)
- (d) State safety precautions to be followed when operating woodworking machinery in a machineshop. (6 marks)

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