



Question Paper

Module 1:	Safety, Health and Hygiene	
Date: 5 May 2015	Time: 09:30 – 11:30	Duration: 2 Hours

You should have the following for this examination: **one answer book; pencil, pen and ruler.**

All questions carry equal marks. The maximum marks for each section within a question are shown. Answer **ALL EIGHT** questions, starting each new question (1-8) on a **new** page in the answer book.

1.
 - a) Describe briefly **THREE** reasons why young people may be at risk of injury in the first six months of commencing employment. (3 marks)
 - b) List **EIGHT** pieces of legislation which require specific risk assessments to be carried out. (4 marks)
 - c) Describe briefly **FOUR** activities which facilitate hazard spotting as part of the risk assessment process. (4 marks)
 - d) Define the term “control measure” in relation to risk assessment. (1 mark)

2.
 - a) Describe briefly **THREE** factors that should be considered when planning off-site transport activities. (6 marks)
 - b) List **FOUR** common types of workplace transport accident. (2 marks)
 - c) List **EIGHT** slip and trip hazards which may be present in a flour mill. (4 marks)

3.
 - a)
 - i) Describe briefly **THREE** control measures as identified by the UK’s Manual Handling Operations Regulations. (6 marks)
 - ii) Describe briefly **FOUR** potential causes of manual handling accidents in the flour milling industry. (4 marks)
 - b) Define the term “accident” in relation to health and safety. (2 marks)

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4. a) i) List **FOUR** primary insect pests of wheat and wheat products. (2 marks)
 ii) Describe in detail the pupal stage in the life cycle of an insect. (2 marks)
 iii) Describe briefly **TWO** rodent pests which may be present in a mill. (2 marks)
 iv) State **TWO** reasons why millers must prevent and control infestation. (1 mark)
- b) Describe briefly the **FIVE** elements to be considered when developing a mill cleaning schedule. (5 marks)
5. a) i) Explain the main objective for implementing fire precautions in a mill. (1 mark)
 ii) Describe briefly the **THREE** factors that need to be present for a fire to start. (3 marks)
 iii) List **SIX** routes through which a fire can easily spread on a milling site. (3 marks)
- b) List **FOUR** examples of maintenance tasks on a mill site where high risks are present. (2 marks)
- c) Describe briefly **THREE** indicators of a positive health and safety culture. (3 marks)
6. a) Define the term “First Aider”. (1 mark)
- b) List **FOUR** examples of major injuries which must be reported to the Health and Safety Executive (HSE). (2 marks)
- c) List **FOUR** tasks that employers must implement under the Management of Health and Safety at Work Regulations. (4 marks)
- d) Outline **THREE** categories into which risk control measures can be divided. (3 marks)
- e) State **ONE** task in a flour mill when respiratory PPE (Personal Protective Equipment) is required and explain why. (2 marks)
7. a) i) Describe briefly **FOUR** precautions that must be taken to prevent falls from height. (4 marks)
 ii) List **FOUR** examples of working at height activities undertaken in the milling industry. (2 marks)
- b) State the colour and meaning of the **FIVE** types of safety sign. (5 marks)
- c) Define the term “ Safe System of Work”. (1 mark)
8. a) Explain **ONE** example of a task when a Permit to Work is required in the milling industry. (1 mark)
- b) Describe briefly **FOUR** precautions that need to be taken to ensure that exhaust and filtration systems work effectively. (4 marks)
- c) List **FOUR** ways in which the milling industry interacts with the environment. (2 marks)
- d) Describe briefly the **FIVE** elements identified by the waste hierarchy model. (5 marks)