



Question Paper

Module 1:	Hygiene, Health and Safety	
Date: 7 May 2013	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) i) Name the **TWO** main rodent pests in UK flour mills and describe briefly **THREE** types of potential damage they may cause. (4 marks)
ii) Describe briefly **THREE** ways to prevent rodent infestation in a flour mill. (3 marks)
- b) Describe in detail the larval stage in the life cycle of an insect. (3 marks)
- c) Outline the main characteristics of mites. (2 marks)
2. a) List **THREE** legal requirements which necessitate a high standard of hygiene in the UK flour milling industry. (3 marks)
- b) Describe briefly the **FIVE** elements to be considered when developing a mill cleaning schedule. (5 marks)
- c) State **FOUR** examples of how safety information is communicated in a written format to employees, visitors and contractors. (4 marks)
3. a) Outline **FOUR** precautions which may be taken to ensure dust control systems operate effectively. (4 marks)
- b) Explain the term “explosive atmosphere” in relation to milling. (1 mark)
- c) List **SEVEN** factors to be determined in an assessment made under the UK’s Control of Substances Hazardous to Health Regulations. (7 marks)
4. a) i) List the **FOUR** types of hazard categories associated with moving machinery. (4 marks)
ii) For **EACH** type, give an example of the machinery which may be involved and the type of injury which may be sustained. (4 marks)
- b) i) List **THREE** characteristics of electricity which make it one of the most dangerous hazards encountered at work. (3 marks)
ii) Describe briefly **ONE** type of injury which can be caused by electricity. (1 mark)

continued overleaf

5. a) i) List TWO sets of regulations covering transport safety at work in the UK. (2 marks)
- ii) List SIX types of workplace transport accident. (6 marks)
- b) Describe briefly FOUR requirements of the UK's Working at Height Regulations. (4 marks)
6. a) Describe briefly THREE functions of carrying out an in-house accident investigation. (3 marks)
- b) List SEVEN types of injuries associated with manual handling. (7 marks)
- c) State TWO possible definitions of "First Aid". (2 marks)
7. a) i) List the "4 Cs" of good health and safety organisation. (2 marks)
- ii) Describe briefly ONE of the "4 Cs". (2 marks)
- b) Describe briefly the THREE factors that need to be present for a fire to start. (3 marks)
- c) Describe briefly FIVE precautions that should be taken whenever maintenance work is being organised. (5 marks)
8. a) Under the UK's Health and Safety at Work Act 1974 state:
- i) ONE duty of manufacturers and suppliers;
- ii) THREE duties of employers;
- iii) FOUR powers of enforcement available to Factory Inspectors. (8 marks)
- b) Describe briefly THREE criteria that should be considered when preparing a "suitable and sufficient" risk assessment under the Management of Health and Safety at Work Regulations. (3 marks)
- c) Give TWO examples of a "confined space" commonly found in a flour mill. (1 mark)