



Final Draft Question Paper

Module 1:	Hygiene, Health and Safety	
Date:	Time:	Duration:
6 May 2014	09:30 – 11:30	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) List **THREE** legal requirements which demand a high standard of hygiene in the UK flour milling industry. (3 marks)
 - b) List **THREE** basic principles behind a good system of hygiene in a well-run flour mill. (3 marks)
 - c)
 - i) Describe briefly **THREE** ways to prevent rodent infestation in a flour mill. (3 marks)
 - ii) In relation to the spout floor of a mill, outline **THREE** potential sites of insect infestation. (3 marks)

2.
 - a)
 - i) Explain the term “explosive atmosphere” in relation to milling. (1 mark)
 - ii) Sketch and label the Dust Explosion Pentagon. (3 marks)
 - b)
 - i) Describe briefly the purpose of local exhaust ventilation (LEV) in relation to flour milling. (1 mark)
 - ii) Sketch and label the component parts of a typical LEV system commonly located in a flour mill. (7 marks)

3.
 - a)
 - i) Describe the terms “First Action Level” and “Second Action Level” under the UK’s Noise at Work Regulations. (4 marks)
 - ii) Describe briefly the **THREE** main types of hearing protection used in flour mills. (3 marks)
 - b)
 - i) Define the term “Statutory Nuisance” in relation to the environment. (2 marks)
 - ii) List **THREE** business benefits of good environmental management. (3 marks)

4.
 - a) Describe briefly the **FOUR** main diseases which can be caused by exposure to asbestos. (6 marks)
 - b)
 - i) Under the UK’s Confined Spaces Regulations, describe briefly **FOUR** key duties employers must follow. (4 marks)
 - ii) List **FOUR** confined spaces commonly found in flour mills. (2 marks)

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5. a) Describe briefly FIVE hazards associated with electricity. (5 marks)
- b) Explain the term “Lockout-tagout” (LOTO) in relation to working with electricity. (2 marks)
- c) List FIVE requirements for the safe use of portable electrical equipment. (5 marks)
6. a) State the SIX objectives of a Permit to Work System. (6 marks)
- b) Define the term “Safe System of Work”. (2 marks)
- c) Describe briefly FOUR types of Personal Protective Equipment (PPE). (4 marks)
7. a) i) List FIVE benefits of implementing a risk assessment programme. (5 marks)
- ii) List FIVE groups of vulnerable workers who should be considered when completing a risk assessment. (5 marks)
- b) Explain the meaning of the term “as far as is reasonably practicable”. (2 marks)
8. a) Describe briefly THREE reasons for employers to manage health, safety and welfare. (3 marks)
- b) Under the UK’s Health and Safety at Work Act, state FOUR legal responsibilities of employees. (4 marks)
- c) List THREE dangerous occurrences which in the UK must be reported to the Health and Safety Executive (HSE). (3 marks)
- d) Define the term “Improvement Notice”. (2 marks)