



UK FLOUR
MILLERS

Question Paper

Module 1:	Safety, Health and Hygiene	
Date: 3 May 2022	Time: 09:30 – 11:30	Duration: 2 hours

You should have the following for this examination: **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 **TWO** duties of employees in relation to Personal Protective Equipment (PPE). (2 marks)
 - b) Describe briefly **FOUR** objectives of a Permit to Work system. (4 marks)
 - c) Outline **SIX** safety management factors which should be considered when appointing contractors. (6 marks)

2.
 - a) State the **THREE** main requirements for food safety according to the UK's Food Safety Act. (3 marks)
 - b)
 - i) Name the **TWO** main rodent pests found in flour mills, and describe briefly the damage they may cause. (4 marks)
 - ii) List **FOUR** ways in which insects and mites can enter a flour mill. (2 marks)
 - iii) List **THREE** commercial implications of insect infestation. (3 marks)

3.
 - a) List **FOUR** costs that are not recoverable through insurance, following an accident or incident. (2 marks)
 - b) Under the UK's Health and Safety at Work Act, describe briefly the legal responsibilities of 'designers, manufacturers, suppliers and installers'. (3 marks)
 - c) Define the term 'fee for intervention', in relation to UK health and safety law enforcement. (2 marks)
 - d) Define the term 'health and safety culture'. (2 marks)
 - e) List **THREE** factors that can contribute to mental health problems. (3 marks)

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4. a) List **FOUR** risks that should be assessed for new and expectant mothers. (2 marks)
- b) Describe briefly why flour milling management should assess risk. (2 marks)
- c) Define the terms:
- i) Hazard; (2 marks)
 - ii) Risk; (2 marks)
 - iii) Control measure; (2 marks)
 - iv) Residual risk. (2 marks)
5. a) Describe briefly **THREE** business benefits of good environmental management. (3 marks)
- b) i) Define the term 'statutory nuisance' in relation to the environment. (2 marks)
- ii) List **FOUR** examples of statutory nuisance in relation to the environment and flour milling operations. (2 marks)
- c) Outline the **FIVE** elements of the waste hierarchy model. (5 marks)
6. a) List **FOUR** workplace transport operations that must have a planned safe system of work. (2 marks)
- b) List **THREE** Regulations that apply to workplace transport in the UK. (3 marks)
- c) Describe briefly **THREE** high-risk activities in relation to lone working where at least one other person may need to be present. (3 marks)
- d) Describe briefly **FOUR** work practices that a flour mill can implement to help control the risk to health from harmful substances. (4 marks)
7. a) Describe briefly **FOUR** requirements of the UK's Working at Height Regulations. (4 marks)
- b) Describe briefly the safety factors to be considered when using tower scaffolds. (4 marks)
- c) Outline **FOUR** precautions that should be implemented whenever maintenance work is being organised. (4 marks)
8. a) Describe briefly the purpose of local exhaust ventilation (LEV). (2 marks)
- b) Sketch and label the component parts of a typical LEV system commonly located in mills. (7 marks)
- c) List **THREE** duties of employers in relation to the UK's Control of Noise at Work Regulations. (3 marks)