



UK FLOUR  
MILLERS

## Question Paper

<b>Module 1:</b>	<b>Safety, Health and Hygiene</b>	
Date: <b>4 May 2021</b>	Time: <b>09:30 – 11:30</b>	Duration: <b>2 hours</b>

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 **THREE** potential sites of insect infestation in a flour mill site's grain silo and screenroom. (3 marks)
  - b) Describe briefly **THREE** reasons why millers must prevent and control pest infestation. (3 marks)
  - c) List **TWO** of the fundamental requirements of food safety. (1 mark)
  - d) List **FIVE** factors that mill management needs to consider when developing a cleaning schedule. (5 marks)
  
2.
  - a) Describe **THREE** types of protective systems and techniques that may be used to protect people, plant and premises from electrical hazards in a mill. (6 marks)
  - b) List the **SIX** steps of Lockout/Tagout (LOTO) procedures. (6 marks)
  
3.
  - a) List **SIX** UK Regulations that require specific risk assessments to be carried out. (3 marks)
  - b) List the **FIVE** steps to risk assessment in the HSE model. (5 marks)
  - c) Describe briefly **FOUR** areas of concern that an employer must consider when employing workers under 18 years old. (4 marks)

*continued overleaf*

4. a) i) List **THREE** factors on which the effective use of Personal Protective Equipment (PPE) relies. (3 marks)
- ii) Describe briefly **SIX** types of PPE, including the type of hazard they protect against. (6 marks)
- b) Describe what is meant by the term 'safe system of work'. (3 marks)
5. a) Describe briefly **THREE** examples of hazards associated with milling machinery and, for **EACH**, give an example of the type of injury, and machinery which may be involved. (6 marks)
- b) i) List **FOUR** precautions that can be implemented to prevent falls from height. (4 marks)
- ii) Describe briefly **TWO** hazards that may be present when using a Mobile Elevated Work Platform (MEWP). (2 marks)
6. a) Define the term 'cumulative injury' in relation to manual handling. (2 marks)
- b) List **TWO** hazards associated with manual handling activities. (2 marks)
- c) Describe briefly **FOUR** factors which must be considered when developing a suitable and sufficient manual handling risk assessment. (8 marks)
7. a) List **SEVEN** ways in which the milling industry interacts with the environment. (7 marks)
- b) Define the term 'corporate and personal social responsibility' in relation to the environment. (2 marks)
- c) Describe briefly **THREE** business benefits of good environmental management. (3 marks)
8. a) Define the term 'First Aid'. (1 mark)
- b) List the **THREE** main reasons for reporting accidents. (3 marks)
- c) List **FOUR** powers that can be enforced by an HSE Inspector. (4 marks)
- d) Describe briefly the terms 'civil law' and 'criminal law'. (4 marks)