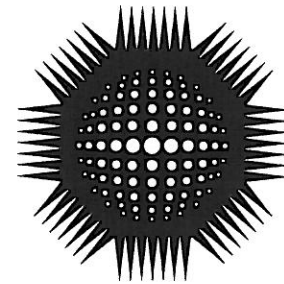


THE NATIONAL EXAMINATION BOARD IN
OCCUPATIONAL SAFETY AND HEALTH

NEBOSH LEVEL 3 CERTIFICATE IN
OCCUPATIONAL HEALTH AND SAFETY

PAPER NGC2: CONTROLLING WORKPLACE HAZARDS



nebosh

FRIDAY 5 DECEMBER 2008
2 hours, 1400 to 1600

Answer both Section 1 and Section 2. Answer ALL questions.

The maximum marks for each question, or part of a question, are shown in brackets.

Start each answer on a new page.

Answers may be illustrated by sketches where appropriate.

This question paper must be returned to the invigilator after the examination.

SECTION 1

You are advised to spend about **half an hour** on this section, which contains **ONE** question.

- 1 Documents have been collected into sacks and are to be individually destroyed using a document shredder.
- (a) **Outline** the mechanical and non-mechanical hazards associated with this task. (10)
- (b) **Outline** precautions that could be taken to minimise the risk of injury during this task. (10)
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SECTION 2

You are advised to spend about **one and a half hours** on this section, which contains **TEN** questions.

- 2 **Identify** the main hazards that may be present during the demolition of a building. (8)
- 3 **Outline** the factors to consider when selecting respiratory protective equipment (RPE) that would give suitable protection against exposure to solvent vapour. (8)

- 4 Excluding welfare facilities, **identify** issues associated with the workplace that should be addressed to ensure that it meets the requirements of the Workplace (Health, Safety and Welfare) Regulations 1992. (8)
- 5 **Outline** the factors that should be considered when providing a means of escape in a workplace so that all employees are able to reach a place of safety in the event of a fire. (8)
- 6 An electrically powered chemical pump, operating at 90°C, has developed a leak. **Outline** the control measures that should be taken for the repair of this item of machinery. (8)
- 7 **Identify** possible hazards that could cause employees to be injured when walking through an external storage area of the workplace. (8)
- 8 **Outline** practical measures that reduce the risk from electricity when using a portable electrical appliance. (8)
- 9 In order to minimise the risk of injury when undertaking a manual handling operation:
- (a) **identify FOUR** types of mechanical aids that can be used to assist the manual handling operation; (4)
 - (b) other than using mechanical aids, **outline** ways to reduce the risks that could be presented by the *load*. (4)
- 10 (a) **Identify** the possible effects on health that may be caused by working in a hot environment. (2)
- (b) **Outline** the measures that may be taken to help prevent the health effects identified in (a). (6)
- 11 **Identify** the information that should be included on a manufacturer's safety data sheet supplied with a hazardous substance. (8)