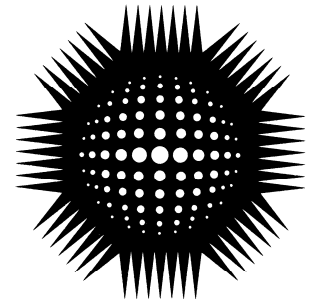


THE NATIONAL EXAMINATION BOARD IN
OCCUPATIONAL SAFETY AND HEALTH

NEBOSH LEVEL 3 CERTIFICATE IN
OCCUPATIONAL HEALTH AND SAFETY

UNIT NGC2: CONTROLLING WORKPLACE HAZARDS



nebosh

FRIDAY 5 MARCH 2010
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 A mains electricity powered brushcutter (Strimmer) is to be used to clear undergrowth in the grounds of a workplace.
- (a) **Identify** safety features of the brushcutter that will reduce the risk of electric shock to the user. (4)
 - (b) Other than electricity, **identify** additional hazards associated with the brushcutter that the user could be exposed to. (6)
 - (c) Other than electricity safety features, **outline** the control measures to reduce the risks to the user when operating the brushcutter. (6)
 - (d) **Outline** additional control measures to reduce risks to other employees who may be in the vicinity of this work. (4)
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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 Hazardous substances can be assigned a Workplace Exposure Limit (WEL).
- (a) **Outline** control measures that could be considered to ensure that exposure to hazardous substances will not exceed the WEL. (6)
 - (b) **Identify TWO** classifications of hazardous substances that require exposure to be reduced to as low a level as is reasonably practicable. (2)
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- 3 **Identify** possible hazards that could cause employees to be injured when walking through an external storage area of a workplace. (8)
- 4 (a) **Outline** defective conditions of non-powered hand tools that could present risks to the user. (4)
- (b) **Outline** the requirements for the safe use of non-powered hand tools. (4)
- 5 **Identify** the main hazards that may be present during the demolition of a building. (8)
- 6 (a) **Outline** the requirements for an adequate means of escape from inside a place of work to a final exit door. (4)
- (b) **Identify** the issues to consider for the location of an assembly point for use in a workplace evacuation. (4)
- 7 (a) An organisation has identified it must measure noise levels in their workplace.
- Give** the meaning of the following terms:
- (i) frequency; (2)
- (ii) decibel (dB); (2)
- (iii) 'A' Weighting. (2)
- (b) **Identify TWO** types of noise measurement techniques. (2)
- 8 **Outline** how fires could be caused by electricity. (8)
- 9 In relation to work-related upper limb disorders (WRULDs):
- (a) **Identify** the typical signs and symptoms that might be experienced by affected individuals; (4)
- (b) **Identify** the factors that could increase the risk of WRULDs. (4)
- 10 **Outline** the factors that may reduce the effectiveness of a local exhaust ventilation (LEV) system. (8)
- 11 **Identify EIGHT** ways in which a fork-lift truck may become unstable during operation. (8)