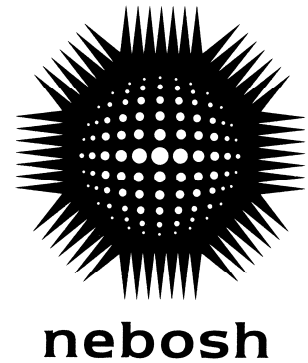


NEBOSH

NEBOSH INTERNATIONAL GENERAL CERTIFICATE  
IN OCCUPATIONAL HEALTH AND SAFETY

UNIT IGC2: CONTROL OF INTERNATIONAL  
WORKPLACE HAZARDS



WEDNESDAY 3 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.

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**SECTION 1**

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

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- 1 (a) **Give** the meaning of the term '*health surveillance*'. (2)
- (b) **Identify** the types of checks that could be included in a health surveillance programme. (6)
- (c) **Give** the meaning of a *short term exposure limit* (STEL) **AND** a *long term exposure limit* (LTEL). (6)
- (d) **Outline** the limitations of exposure limits (ELs). (6)
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**SECTION 2**

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

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- 2 (a) **Identify THREE** control measures to segregate pedestrians and vehicles in the workplace. (3)
- (b) **Identify** measures to reduce the risk to pedestrians when segregation is not practicable. (5)

- 3 The construction industry has a high incidence of contact dermatitis.
- (a) **Identify FOUR** substances used in construction that could cause contact dermatitis. (4)
  - (b) **Outline** control measures that could be used to reduce the risk of contact dermatitis. (4)
- 4
- (a) **Identify** the possible effects of electricity on the body. (4)
  - (b) **Identify** the emergency action to take if a person suffers a severe electric shock. (4)
- 5 **Identify FOUR** types of *engineering* control that may be used to reduce noise in the workplace **AND give** a practical example of **EACH**. (8)
- 6
- (a) **List FOUR** specific types of injury that could be caused by the incorrect manual handling of loads. (4)
  - (b) **Identify** factors in relation to the *load* that will affect the risk of injury. (4)
- 7
- (a) **Identify FOUR** health effects of working outside in extreme heat created by the sun. (4)
  - (b) **Outline** control measures that could be used to reduce the effects of the sun on construction workers. (4)
- 8 In a factory a conveyor system is used to transfer manufactured articles to the warehouse area.
- Identify** the control measures to be taken to reduce the risk of injury to workers from the conveyor. (8)
- 9
- (a) **Identify** the key components of the 'fire triangle'. (3)
  - (b) **Identify** sources of ignition that may cause a fire to occur, **AND give** a typical workplace example of **EACH**. (5)
- 10 **Outline** the hazards and risks to which a worker could be exposed when cutting down a tree using a petrol driven chainsaw. (8)
- 11
- (a) **Identify TWO** types of asbestos to which workers in the construction industry may be exposed. (2)
  - (b) **Give** examples of where workers might find asbestos while undertaking maintenance or refurbishment work on a building. (6)