

Tutors Assignment Correction Guide

Module 8

Safety

Unit 8.5

First Aid

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Unit 8.5 First aid

This guide is to assist you in the correction of the assignments for this unit.

If more than one tutor is involved with Student Support in your institution, it will also assist in ensuring that there is a consistency in the weighting of assignments, and questions within assignments.

The Core Curriculum is designed to be offered utilising competency standards, so the elements that need to be included in answers are specified in the guide. It will therefore assist those who wish to use a competency assessment of Completed or Incomplete.

It is particularly important in the Caribbean to ensure that the assignments are assessed as indicated in the guide, as regional recognition is an ultimate (and desired) outcome.

Assessment Instrument

Module 8 Safety

Unit 8.5 First aid

Assignment No. 8.5.1

The teacher trainee has successfully:

- ☐ explained procedures, which ensure the safety of occupants of the workshop as a first priority ahead of equipment and buildings, for obtaining help in an accident or emergency
- ☐ written examples of messages to emergency services, which enable the receiver to determine type, location in detail, any pertinent restrictions and circumstances relating to the accident or emergency, and the potential and current degree of the situation, to cover fire and personal injury
- ☐ listed local bodies qualified to provide first aid training
- ☐ explained, in accordance with national and/or local regulations, the basic elements of occupational health issues
- ☐ listed, in accordance with a pre-arranged plan, the steps to be followed for the emergency evacuation of a building or a room.



Assignment No. 8.5-1

Unit 8.5 First Aid and Occupational Health

To be completed and returned to your tutor for assessment.

This is an open book assignment and you may refer to whatever references you have at your disposal.

Name: _____ Due Date: _____

Question 1

Imagine an emergency has happened in your workshop during a class. A person has had an electric shock while using a saw and has got serious burns. The saw is still running and the person has collapsed next to the saw unconscious. Answer the following questions.

List in order four things you would do to make sure the victim and other people in the room are safe.

1.1 _____

1.2 _____

1.3 _____

1.4 _____

1 mark each – 4 marks

Question 2

Using the situation described for Question 1.

Answer **true** or **false** to the following statements:

- 2.1 _____ You should throw water on the victim's burns.
- 2.2 _____ You should not press the cut-off switch.
- 2.3 _____ Only a person trained in first aid should attempt first aid.
- 2.4 _____ You should immediately go home for the rest of the day.
- 2.5 _____ You should move everybody out of the area to the assembly points using the evacuation procedures.
- 2.6 _____ You should ensure all others are out of the area but stay there yourself to look after the workshop.
- 2.7 _____ You should seek emergency help if needed and ensure no-one can enter the unsafe area.
- 2.8 _____ You should get responsible people to wait at a safe distance to keep unauthorised people away.
- 2.9 _____ If the area is unsafe because of further electrical or fire hazards you should try and move the victim.
- 2.10 _____ If you cannot move the victim and the place is dangerous for you and others, you should leave the victim.

1 mark each – 10 marks

Question 3

Sparks from a faulty machine in your workshop have landed in some paper and caused a small fire. While somebody was trying to put out the fire they got burns on their arms and legs. You turn off the main power supply in the workshop and evacuate everybody and the injured person gets taken to the first aid room. You try to put out the fire with an extinguisher but it has become too big and is out of control.

Write an example of what you would say to the emergency services when you phone them. Pretend it has happened in your workshop so use real details such as your real address.

10 marks

Question 4

4.1 Name two local bodies qualified to give first aid training in your area.

2 marks

Question 5

5.1 Name the main health and safety regulations in your local and or national area.

5.2 Where can you get information on health and safety in the workplace?

2 marks each - 4 marks

Question 6

Fill in the blanks below.

6.1 Hearing conservation aims to prevent damage to _____.

6.2 The disease Asbestosis is caused by breathing _____ dust over a long period.

6.3 List one of the three main aims of industrial hygiene.

6.4 Stress caused as a result of working conditions is known as _____ stress.

6.5 Two signs of occupational stress are: _____ and _____.

2 marks each – 10 marks

Question 7

What are the five (5) key points that should be in an emergency evacuation plan for a specific building or room.

5 marks

Question 8

Put in order the following steps of the emergency evacuation procedure during a fire:

- _____ all people to go to the assembly point
- _____ stay at the assembly point until instructions given by the liaison marshal
- _____ all people leave the building by the nearest exit
- _____ check that all rooms are clear of people on the way out
- _____ the person discovering the emergency to sound the fire alarm

1 mark each – 5 marks

Total: 50 marks



Assignment No. 8.5-1

Unit 8.5 First Aid and Occupational Health

Guidelines for the correction and weighting of questions for Assignment 8.5 – 1

Question 1

Imagine an emergency has happened in the your workshop during a class. A person has had an electric shock while using a saw and has got serious burns. The saw is still running and the person has collapsed next to the saw unconscious. Answer the following questions.

List in order four things you would do to make sure the victim and other people in the room are safe.

- 1.1 *Turn off the saw*
- 1.2 *Apply first aid*
- 1.3 *Isolate the accident area*
- 1.4 *Seek professional first aid help*

1 mark each – 4 marks

Question 2

Using the situation described in Question 1.

Answer **true** or **false** to the following statements:

- 2.1 **False** You should throw water on the victim's burns.
- 2.2 **False** You should not press the cut-off switch.
- 2.3 **True** Only a person trained in first aid should attempt first aid.
- 2.4 **False** You should immediately go home for the rest of the day.
- 2.5 **True** Everybody should move out of the area to the assembly points using the evacuation procedures.
- 2.6 **False** You should ensure all others are out of the area but stay there yourself to look after the workshop.
- 2.7 **True** You should seek emergency help if needed and ensure no-one can enter the unsafe area.
- 2.8 **True** You should get responsible people to wait at a safe distance to keep unauthorised people away.
- 2.9 **True** If the area is unsafe because of further electrical or fire hazards you should try and move the victim.
- 2.10 **True** If you cannot move the victim and the place is dangerous for you and others, you should leave the victim.

1 mark each – 10 marks

Question 3

Sparks from a faulty machine in your workshop have landed in some paper and caused a small fire. While somebody was trying to put out the fire, they got burns on their arms and legs. You turn off the main power supply in the workshop, evacuate everybody and see that the injured person is taken to the first aid room. You try to put out the fire with an extinguisher but it has become too big and is out of control.

Write an example of what you would say to the emergency services when you phone them. Pretend it has happened in your workshop so use real details e.g. real address.

Answer should include:

- *type of emergency (injured person and fire),*
- *location (victim at the first aid room, fire in the workshop, give phone number, address, floor and department of the first aid room and workshop),*
- *access to area (best way to get to the first aid room and workshop),*
- *any problems they may encounter in trying to get to the first aid room or workshop,*
- *the current situation (all people have been evacuated from the workshop and power turned off, injured person conscious but burned, potential situation (fire may spread to other rooms).*

10 marks

Question 4

4.1 Name two local bodies qualified to give first aid training in your area.

For example: Red Cross, local hospital, local ambulance service, local fire service, community groups, other government or non-government organisations

2 marks

Question 5

5.1 Name the main health and safety regulations in your local and or national area.

5.2 Where can you get information on health and safety in the workplace?

Name the Act(s) relevant to your area and the organisation that supplies information.

2 marks each - 4 marks

Question 6

Fill in the blanks below.

6.1 Hearing conservation aims to prevent damage to **hearing**.

6.2 The disease Asbestosis is caused by breathing **asbestos** dust over a long period of time.

6.3 List one of the three main aims of industrial hygiene.

Either: recognising, measuring or controlling hazards

6.4 Stress caused as a result of working conditions is known as **occupational** stress.

6.5 Two signs of occupational stress are: **Tension or anxiety or depression or anger or fatigue**

2 marks each – 10 marks

Question 7

What are the five (5) key points that should be in an emergency evacuation plan for a specific building or room.

The map of exits, evacuation routes, assembly points, reporting procedures, and who are the fire marshals.

5 marks

Question 8

Put in order the following steps of the emergency evacuation procedure during a fire:

- 4** all people to go to the assembly point
- 5** stay at the assembly point until instructions given by the liaison marshal
- 2** all people leave the building by the nearest exit
- 3** check that all rooms are clear of people on the way out
- 1** the person discovering the emergency to sound the fire alarm

1 mark each – 5 marks

Total: 50 marks