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Training Assessment

# **Hazardous substances safety essentials.**

## **Training Questions.**

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### **Identifying hazardous substances and Common hazards**

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#### **Question 1.**

Circle the correct answer.

What is a hazardous substance?

- a) Any chemical used in industry
  - b) A chemical used for cleaning
  - c) Any material that requires the use of PPE when it is handled
  - d) Any material that has the potential to cause harm to people or plant and equipment
  - e) Any material that should not be disposed of by transferring it into the sewer
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#### **Question 2.**

Circle the correct answer(s).

What should you do if you find a label is missing from the container of a chemical substance?

- a) Safely store the chemical in the chemical store so others do not use it
  - b) Create an appropriate label and place it on the container
  - c) Dispose of the chemical
  - d) Inform your supervisor immediately
  - e) Use the substance if you know what it is
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#### **Question 3.**

What are the three ways in which a chemical substance (hazardous or otherwise) can enter your body?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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### **The hierarchy of control and Personal protective equipment**

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**Question 4.**

True or False?

The use of personal protective equipment (PPE) is the third measure to be implemented according to the hierarchy of hazard control measures.

\_\_\_\_\_

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**Question 5.**

Fill in the blanks.

An air purifying respirator is an example of PPE that is used to filter air that is contaminated by either \_\_\_\_\_, \_\_\_\_\_ or both.

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### **Storage and disposal and Emergency responses**

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**Question 6.**

True or False?

You should dispose of hazardous chemicals by transferring them into the sewerage system when asked to do so by your manager.

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**Question 7.**

Name two reasons why personnel must evacuate an area or building in the event of a spill or leak of hazardous substances:

1. \_\_\_\_\_

2. \_\_\_\_\_

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**Question 8.**

Circle the correct answers.

What information can be obtained from a material safety data sheet (MSDS)?

- a) Information about the physical properties of the chemical product
  - b) Emergency response information should the material be accidentally ingested
  - c) Information regarding the safe use, handling and disposal of the chemical
  - d) Whether the product is a solid, liquid or a gas at room temperature
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**Question 9.**

Some chemicals are not considered hazardous when used in isolation, however they produce hazardous products when mixed with certain other chemicals.

Name two things that should be done before mixing chemicals:

- 1. \_\_\_\_\_
  - 2. \_\_\_\_\_
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**Question 10.**

Circle the correct answers.

What should you do before commencing work in a new environment where hazardous materials are used and stored?

- a) Wear PPE at all times
  - b) Familiarize yourself with evacuation procedures, including evacuation assembly point(s)
  - c) Familiarize yourself with the location of emergency showers and eye wash stations
  - d) Familiarize yourself with the content of all relevant MSDSs
  - e) Always carry around relevant MSDSs in case of an emergency
  - f) Always be on high alert because of the dangerous nature of hazardous substances
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