Unit 202: Changing practices over time (learner)

# Worksheet 6: Waste management

**Task 1**: Duty of care

Using the terms provided, fill in the spaces on the waste hierarchy diagram.



disposal re-use recovery prevention recycling

**Task 2:** Read the following statements and decide whether they are true or false. **Circle** the correct option.

1 Construction waste that poses a risk to the environment or human health is referred to as hazardous waste

**True or False**

2 Segregating waste on site into separate material streams can help minimise costs and maximise the opportunities for recovery and recycling.

**True or False**

3 Construction waste that doesn't endanger the environment or human health is referred to as non-hazardous waste.

**True or False**

4 Landfill is the cheapest option for disposing of waste, regardless of type.

**True or False**

5 Waste carriers do not need to be licensed unless dealing with hazardous waste

**True or False**

6 Hazardous waste needs a waste transfer note and a consignment note.

**True or False**

7 Landfill is the best option for waste disposal.

**True or False**

8 Some waste, such as copper and lead, can be sold onto registered scrap metal dealers for recycling.

**True or False**

9 All waste must have waste transfer notes and consignment notes if hazardous.

**True or False**

10 It is the responsibility of the waste producer to check the waste carrier has the correct licenses.

**True or False**

**Task 3**: Waste reduction on site

Read this article <https://www.pbctoday.co.uk/news/planning-construction-news/construction-waste-management/115412/>

Using the information from this article and the internet complete the following task.

Identify and explain five different ways to reduce waste on site.

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**Task 4:** Identifying and dealing with hazardous waste

List eight different types of hazardous waste that can be found on site.



**Task 5:** Answer the multiple choice questions below. **Circle** the correct response for each question.

1. Where can you get information on how to dispose of hazardous substances on site?
2. Manufacturers COSHH Data Sheet.
3. Risk assessments.
4. Don’t need it, just put it in the skip.
5. Not your responsibility.
6. For materials that contain asbestos to be classified as hazardous, they must contain at least
7. 100% asbestos
8. 1% asbestos
9. 0.1% asbestos
10. 10% asbestos.
11. Hazardous waste must be
12. sent straight to landfill
13. ignored
14. put it in the skip
15. not mixed with other waste streams.
16. Hazardous waste on construction sites should be handled by
17. any construction worker available
18. authorised carriers
19. local residents
20. general waste disposal companies.
21. Accurate record-keeping of hazardous waste handling on construction sites is necessary for
22. decorating the office space
23. demonstrating environmental responsibility
24. hiding waste disposal activities
25. streamlining waste transportation.

**Task 6:** Legislative duties

Complete the paragraphs using the words provided.

Control of Substances Hazardous to Health (COSHH) Regulations

The COSHH Regulations require employers to \_\_\_\_\_\_\_\_\_\_ and control the risks associated with hazardous substances. Construction companies must identify hazardous substances used on their sites, implement \_\_\_\_\_\_\_\_\_\_ measures to minimise \_\_\_\_\_\_\_\_, and provide suitable storage, handling and \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_. COSHH also emphasizes the importance of \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_, use of personal protective equipment, and \_\_\_\_\_\_\_\_\_ record-keeping.

assess control proper employee training

exposure disposal procedures

Hazardous Waste Regulations 2005

The Hazardous Waste Regulations provide a framework for the \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_ of hazardous waste. Construction companies must identify \_\_\_\_\_\_\_\_\_\_ waste generated during their activities and ensure it is appropriately \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_. The waste should be stored securely, transported by \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ of at \_\_\_\_\_\_\_\_\_\_ waste management facilities capable of handling hazardous waste.

Identification classification disposed classified labelled

authorised carriers

hazardous licensed handling

Environmental Protection Act 1990 (EPA)

The EPA establishes the overall framework for environmental protection in the UK. It imposes a \_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_ on individuals and businesses to properly \_\_\_\_\_\_\_\_\_ and dispose of waste, including hazardous waste. Construction companies must comply with the EPA's requirements for \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_, ensuring that waste is handled by \_\_\_\_\_\_\_\_\_\_ facilities and \_\_\_\_\_\_\_\_\_\_ of in accordance with regulatory standards.

waste management manage transportation

disposal licensed duty care disposed

Pollution Prevention and Control (PPC) Act:

The Pollution Prevention and Control (PPC) Act aims to prevent and control \_\_\_\_\_\_\_\_\_\_ from various industrial activities, including construction. It sets requirements for controlling \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_ pollution and other potential pollutants. Construction companies must implement measures to \_\_\_\_\_\_\_\_\_\_ the environmental \_\_\_\_\_\_\_\_\_\_ of their activities and comply with the PPC Act's provisions.

impact air emissions noise

pollution mitigate

Waste Electrical and Electronic Equipment (WEEE) Regulations:

While primarily focused on electrical and \_\_\_\_\_\_\_\_\_\_ equipment, the Waste Electrical and Electronic Equipment (WEEE) Regulations also apply to hazardous waste generated from the disposal of such \_\_\_\_\_\_\_\_\_\_. Construction companies must ensure that any \_\_\_\_\_\_\_\_\_\_ waste from electrical and electronic equipment is properly \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_ and sent to authorised treatment facilities for \_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_.

recycling hazardous collected segregated

electronic disposal equipment