

Overview

This standard defines the competence required to use mechanically operated machinery and equipment to move waste materials. It involves understanding the characteristics of the waste load, and the capabilities of the equipment used. It requires risks to be minimised throughout the operation and problems to be resolved or reported.

Mechanically handle waste

Performance criteria

You must be able to:

Prepare to use mechanical handling equipment to load, unload and move waste materials

1. carry out all work in accordance with safe working procedures and practices and organisational and legal requirements
2. select and use the designated personal protective equipment (PPE) in compliance with operational and legal requirements
3. undertake daily checks and confirm the mechanical handling equipment and its attachments and accessories are working in accordance with operational and manufacturer's procedures
4. ensure that risk assessments are available and follow all required control measures

Load, move and unload waste materials using mechanical handling equipment

5. operate equipment in accordance with work instructions and organisational procedures
6. ensure the equipment is operated within its safe working limit.
7. operate mechanical handling equipment and aids in a safe manner
8. comply with operational and legal procedures and documents when handling waste materials
9. ensure the equipment to be used is suitable for the characteristics of the waste materials
10. ensure that the waste material is handled in a safe manner
11. ensure the load being handled is stable at all times
12. ensure the work area is free from obstructions at all times during operations
13. monitor the work environment continuously to minimise risk

Use and communicate data and information

14. provide information to others to complete all documentation associated with the handling of the load.
15. report situations where waste materials do not comply with documentation
16. report defects on equipment, and in the work area, when handling recyclable materials

Resolve problems which arise from mechanically handling waste

17. respond to emergencies and spillages in line with operational procedures

Mechanically handle waste

18. identify and resolve any discrepancies between the paperwork and the waste before it is loaded or unloaded
19. take steps immediately in accordance with operational procedures to ensure unsafe conditions are dealt with
20. report immediately any unsafe conditions
21. report to manager situations which are outside your job role responsibilities

Mechanically handle waste

Knowledge and understanding

You need to know and understand:

General

1. the classifications of and potential hazards associated with different waste
2. how to identify work-related hazards and risks
3. details of operational procedures and documentation
4. how to work with colleagues and other people and resolve disagreements
5. operational procedures and the importance of complying with them
6. the requirements of and how to use personal protective equipment (PPE) in line with operational procedures
7. your job responsibility and when to report to managers

Mechanical handling of waste

8. where to find risk assessments and how to follow the control measures
9. the physical and handling characteristics of different types of waste
10. the techniques for handling loads including the use of mechanical handling aids
11. how adverse conditions can affect the handling of loads
12. the importance of assessing ground conditions in the loading area
13. the dangers of vehicles and pedestrian traffic in the loading area and how to minimise risks by following operational procedures
14. the potential for damage to buildings or other structures during the handling of loads
15. how the potential for distortion or movement of the load whilst handling
16. the different techniques of maneuvering safely both loaded and unloaded
17. the importance of documentation associated with the handling of a load

Mechanically handle waste

Developed by	Energy & Utility Skills
Version Number	2
Date Approved	November 2017
Indicative Review Date	November 2021
Validity	Current
Status	Original
Originating Organisation	Energy & Utility Skills
Original URN	WO28
Relevant Occupations	Public Service and Other Associate Professionals; Public Services
Suite	Waste Management
Keywords	mechanical, mechanically, waste, handling, equipment, defects, specialist equipment, characteristics, loads
