

Overview

This standard covers the preparation and use of equipment and machinery correctly and safely, in accordance with the manufacturer's instructions, regulatory requirements and codes of practice.

The standard does not cover the maintenance of equipment and machinery, which is covered in LANCS25. It does cover the routine, day-to-day checks and actions required before and after use, which ensures that equipment and machinery continues to operate safely and effectively.

NB: this standard does not cover the use of tractors or powered vehicles.

When working with machinery or equipment you should be trained and hold current certification where required.

When carrying out your work you must consider the impact it will have on the environment.

This standard is suitable for those who use equipment and machinery to carry out their work.

Performance criteria

You must be able to:

1. assess the risks associated with the required activity
2. wear suitable clothing and personal protective equipment (PPE)
3. select the correct **equipment or machinery** for the required activity
4. prepare the equipment or machinery by carrying out **pre-use checks and actions** in accordance with relevant legislation, **instructions and specifications**
5. confirm that the **equipment or machinery** is safe and ready for use
6. use **equipment or machinery** safely, in accordance with relevant legislation, **instructions and specifications**
7. prevent the leakage of **hazardous chemicals or substances** when preparing and using **equipment or machinery**
8. process **waste** safely and correctly, in accordance with relevant legal and organisation requirements
9. stop and isolate **equipment or machinery** on completion of the activity in line with **instructions and specifications**
10. check **equipment or machinery** after use and leave it in the correct condition for future use
11. store **equipment or machinery** safely and securely
12. carry out your work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and organisation policies
13. follow industry and organisation guidance to minimise environmental damage

Knowledge and understanding

You need to know and understand:

1. how to identify hazards and assess risks
2. the type of clothing and personal protective equipment (PPE) suitable for the activity
3. how to select the correct **equipment or machinery** for the activity to be carried out
4. the relevant legislation covering the preparation and use of **equipment and machinery** in your place of work
5. how to prepare the **equipment or machinery** before use and the **pre-use checks and actions** required
6. the manufacturer's instructions for the operation of the **equipment or machinery**
7. the main hazards associated with using the **equipment and machinery** in your place of work
8. the **hazardous chemicals or substances** that may be present and ways to prevent leakage
9. the sort of problems that may occur with the **equipment or machinery** you use, how to recognise them, and the appropriate action to take
10. the importance of carrying out routine checks and maintenance to confirm that the **equipment or machinery** remains safe and effective
11. the reasons why the **equipment or machinery** should be left in the correct condition for future use
12. how to handle, transport, store and dispose of **waste** and **hazardous chemicals or substances**, in accordance with legal and organisational requirements
13. your responsibilities under relevant environmental and health and safety legislation, codes of practice and organisation policies
14. the potential impact that your activities could have on the environment and the ways in which this can be minimised

Glossary

Equipment and/or machinery could include:

- non-powered tools and equipment (for example, hand tools)
- hand-held powered equipment
- pedestrian-controlled powered equipment
- fixed equipment

Hazardous chemicals or substances could include:

- fuels
- oils
- fluids
- gases
- dust
- compressed air

Instructions and specifications:

- drawings/plans
- schedules
- method statements
- Standard Operating Procedures (SOPs)
- manufacturer's guidelines
- customer requirements
- verbal instructions

Pre-use checks and actions could include:

- safety checks
- cleaning
- oiling/greasing
- checking and topping-up fluids
- sharpening
- adjusting
- charging

Waste: may include hazardous and non-hazardous materials

Links to other NOS

LANCS25 Carry out maintenance and repair of equipment and machinery

Prepare and use equipment and machinery

Developed by	Lantra
Version Number	2019
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Validity	Current
Status	Original
Originating Organisation	Lantra
Original URN	LANCS35
Relevant Occupations	Gardener; Groundsman; Greenkeeper; Nursery Worker; Park Ranger; Fruit and Vegetable Production Worker; General Farm Worker; Agricultural Machinery Operator
Suite	Agricultural Crop Production; Livestock Production; Horticulture; Crofters and Smallholders
Keywords	mower; hedge cutter; strimmer; fertiliser distributor; chipper; welder; drill; lathe