

LANCS35 - HY38 04

Prepare and use equipment and machinery



Overview

This standard covers the preparation and use of equipment and machinery correctly and safely, with due regard for manufacturers' instructions, legal and regulatory requirements and codes of practice.

The standard does not cover maintenance of equipment and machinery which is covered in CS25. It does cover the routine day-to-day checks and activities required before and after use to ensure that equipment and machinery continues to operate safely and effectively.

NB: this standard does not cover the use of tractors or powered vehicles. If you are working with chemicals or machinery you need to be appropriately trained in line with current legislation, and hold a relevant award where appropriate.

You must carry out your work in a way which will consider any impact on the natural environment.

This standard is suitable for anyone who uses equipment and machinery.

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Performance criteria

- You must be able to:*
- P1 select the correct equipment or machinery for the work to be carried out
 - P2 select and use the correct clothing and personal protective equipment
 - P3 prepare the equipment or machinery by carrying out pre-start checks and activities before use in accordance with specifications
 - P4 use equipment or machinery in accordance with specifications and regulatory requirements
 - P5 identify the need for advice and assistance and take the appropriate action
 - P6 prevent the leakage of hazardous chemicals and substances and deal with waste safely and correctly in accordance with legislation
 - P7 check equipment or machinery after use and leave in a suitable condition for future use
 - P8 store equipment or machinery safely and securely
 - P9 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies

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Knowledge and understanding

You need to know and understand:

- K1 how to select the correct equipment or machinery for the planned work
- K2 the importance of carrying out routine checks and activities to ensure that equipment and machinery remains safe and in good working order, and the possible consequences of not carrying these out correctly
- K3 how to prepare the equipment or machinery before use and the types of pre-operational checks and activities required
- K4 the legal and regulatory requirements that govern the use of the equipment and machinery in your place of work
- K5 the manufacturers' instructions for the operation of the equipment or machinery in your place of work
- K6 the main hazards associated with using the equipment or machinery in your place of work
- K7 the types of problems that may occur with the equipment or machinery, how to recognise them, and the action to take
- K8 types of protective clothing and personal protective equipment and the reasons why it must be worn
- K9 how to check the equipment or machinery after use and the activities which may be required to ensure it is in a suitable condition for future use
- K10 hazardous chemicals and substances which may be present and ways of preventing leakage
- K11 how to handle, transport, store and dispose of waste and hazardous chemicals and substances in accordance with legal and organisational requirements
- K12 your responsibilities under relevant environmental and health and safety legislation, codes of practice and company policies
- K13 how to minimise any potential impact of your work on the environment

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Glossary

Specifications:

- drawings
- schedules
- method statements
- Standard Operating Procedures (SOPs)
- manufacturers guidelines
- customer requirements

Instructions could be verbal or written.

Equipment and machinery could include:

- non-powered tools and equipment (for example hand tools)
- hand-held powered equipment (for example strimmers, hedge cutters, mig welders, power washers)
- pedestrian-controlled powered equipment (for example rotary mowers, chippers, shredders)
- bench mounted equipment (for example pillar drills, lathes)

Checks and activities could include:

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

Hazardous chemicals and substances could include:

- fuels
- oils
- fluids
- gasses
- dust
- compressed air

Waste may include hazardous and non-hazardous materials

Links To Other NOS

LANCS25 Carry out maintenance and repair of equipment and machinery

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Relevant occupations	Gardener; Groundsman; Greenkeeper; Ranger; Park Ranger; Nursery Worker; Fruit and Vegetable Production Worker; Agriculture; Horticulture and Animal care; General Farm Worker; Farmer; Farm Worker
Suite	Horticulture; Crofters and Smallholders; Agricultural Crop Production; Livestock Production
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