

# LANCS9 - HY3J 04

## Prepare and operate a powered vehicle



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### Overview

This standard covers the preparation and operation of a powered vehicle such as ATVs, four wheel drives, quad bikes, skid-steers and bob-cats. The standard does not cover the use of tractors.

The standard covers the use of a powered vehicle in a variety of weather conditions, ground conditions and terrain. These conditions will have an impact on the handling and use of the vehicle.

When using a powered vehicle on the public highway you will need to hold the appropriate licenses for both yourself and the vehicle.

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 operates a powered vehicle on or off the public highway.

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### Performance criteria

*You must be able to:*

- P1 wear appropriate clothing and personal protective equipment
- P2 prepare appropriate powered vehicle by carrying out pre-start checks and adjustments in accordance with specifications and in line with current legislation
- P3 confirm the powered vehicle is safe and ready for use
- P4 check and adjust operator environment to meet personal requirements
- P5 check the immediate work area for hazards and obstacles before moving off
- P6 use the correct warning signals at all times
- P7 operate and manoeuvre the powered vehicle safely, and consistent with the type of vehicle and operation
- P8 change driving techniques to take into account any changes in weather, ground conditions and types of terrain
- P9 deal with any hazards and obstacles encountered during operation in accordance with instructions
- P10 stop and isolate powered vehicle on completion of activity in line with standard practice
- P11 leave the powered vehicle secure after use and in a suitable condition for future use
- P12 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 the type of clothing and personal protective equipment suitable for the activity
- K2 different types of powered vehicles for different activities
- K3 different types of accessories available for powered vehicles and how they are secured
- K4 which vehicles are suitable to carry passengers
- K5 how to carry out pre-start checks and adjustments
- K6 current legislation in relation to the use of powered vehicles
- K7 how to mount and dismount safely
- K8 how to start and stop the vehicle
- K9 the function of all controls and instruments
- K10 the types of safety equipment that should be available
- K11 appropriate use of warning signals and indicators
- K12 the ways in which the vehicle should be operated and manoeuvred, and how different weather, ground conditions and types of terrain must be taken into account
- K13 types of hazards and obstacles that may be encountered and how these should be dealt with
- K14 the capabilities and limitations of the powered vehicle and operator
- K15 how and where to refer problems with the powered vehicle or attachment
- K16 the reasons why the powered vehicle should be left in a suitable condition for future use
- K17 why it is important to maintain safety and security of powered vehicle at all times
- K18 your responsibilities under relevant environmental and health and safety legislation, codes of practice and company policies

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### Glossary

#### Specifications:

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

Instructions could be verbal or written.

#### Powered vehicles include:

- ATVs
- four wheel drives
- quad bikes
- sit-astrides
- mules
- skid-steers
- bob-cats

#### Operator environment:

- seat
- steering wheel
- mirrors
- seat belt

#### Ground conditions:

- wet
- dry
- frost
- ice
- mud
- loose ground

#### Terrain:

- hard surfaces
- soft surfaces
- uneven surfaces
- slopes

### Links To Other NOS

LANCS59 Prepare and operate a powered vehicle with attachments

LANCS7 Prepare and operate a tractor

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<b>Status</b>	Original
<b>Originating organisation</b>	Lantra
<b>Original URN</b>	LANCU12
<b>Relevant occupations</b>	Farmer; Greenkeeper; Groundsman; Machinery Operator; General Farm Worker
<b>Suite</b>	Agricultural Crop Production; Horticulture; Livestock Production
<b>Key words</b>	ATV; four wheel drive; quad bike; sit-astride; mule; skid-steer; bob-cat