

LANCS57 SQA Unit Code H59J 04

Prepare and operate a tractor

Overview

This standard covers the basic preparation and operation of a tractor. The standard covers the use of tractors in a variety of weather conditions, ground conditions and terrain. These conditions will have an impact on the handling and use of the tractor.

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

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 tractor 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 the tractor by carrying out pre-start checks and adjustments in accordance with specifications
 - P3 confirm the tractor 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 tractor safely and as instructed
 - 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 tractor on completion of activity in line with instructions
 - P11 leave the tractor 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 current legislation in relation to the use of tractors
- K3 the required pre-start checks and adjustments and the reasons why these must be carried out
- K4 how to mount and dismount safely
- K5 how to start and stop the tractor
- K6 the function of all controls and instruments
- K7 appropriate use of warning signals and indicators
- K8 the ways in which the tractor should be operated and manoeuvred, and how different weather, ground conditions and types of terrain must be taken into account
- K9 the capabilities and limitations of the tractor and operator
- K10 types of hazards and obstacles which may be encountered and how these should be dealt with
- K11 the reasons why the tractor should be left in a suitable condition for future use
- K12 why it is important to maintain safety and security of the tractor at all times
- K13 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.

Pre-start checks:

- fuel
- electrics
- tyres
- hoses
- fluids
- lubrication

Operator environment:

- seat
- steering wheel
- steering column
- mirrors
- seat belt
- climate
- visibility
- loose items secured

Ground conditions:

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

Terrain:

- hard surfaces
- soft surfaces
- uneven surfaces
- slopes

Links To Other NOS

LANCS7 Prepare and operate a tractor with attachments

LANCS9 Prepare and operate a powered vehicle

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Validity	Current
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Status	Original
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Originating organisation	Lantra
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Relevant occupations	General Farm Worker; Farmer; Tractor Driver
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Suite	Agricultural Crop Production; Livestock Production
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Key words	tractor
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