

LANCS57

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:

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| 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:

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| 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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