

## Overview

This standard is about carrying out a range of inspections on vehicles using a variety of prescribed testing and inspection methods.

## Performance criteria

### *You must be able to:*

P1 select and use appropriate personal and vehicle protection equipment at all times

P2 use suitable sources of technical information to support your vehicle inspection activities

P2.1 technical data

P2.2 diagnostic test procedures

P3 carry out systematic vehicle inspections following:

P3.1 manufacturer's approved procedures

P3.2 recognised researched inspection methods

P3.3 health and safety requirements

P3.4 prescribed documentation

P4 confirm all systems and components inspected function correctly following the manufacturer's specifications

P5 ensure your comparison of the vehicle against specification accurately identifies any:

P5.1 differences from the vehicle specification

P5.2 vehicle appearance and condition faults

P6 work in a way which minimises the risk of:

P6.1 damage to other vehicle systems, units and components

P6.2 contact with leakage, hazardous substances and high voltage systems

P6.3 damage to your working environment

P6.4 injury to yourself and others

P7 make suitable recommendations for future action based upon the results of your tests and inspections

P8 ensure your records are accurate, complete and promptly passed to the relevant person(s) in the format required. (This includes all vehicle related paperwork)

P9 complete all inspection activities within the agreed timescale and to specification

P10 promptly report any anticipated delays in completion to the relevant person(s)

## Knowledge and understanding

### *You need to know and understand:*

Legislative and organisational requirements and procedures

K1 the current health and safety legislation and workplace procedures relevant to conducting vehicle inspections and personal and vehicle protection

K2 the legislation relevant to inspection activities

K3 your workplace procedures for:

K3.1 recording vehicle inspections and any variations from acceptable methods and procedures

K3.2 the referral of problems

K3.3 reporting delays to the completion of work

K4 the importance of making accurate records of the results of your tests and inspections and interpreting them correctly

K5 the importance of working to agreed timescales and keeping others informed of progress

K6 the relationship between time and costs

K7 the importance of promptly reporting anticipated delays to the relevant person(s)

Sources of information

K8 how to find, interpret and use technical information

K9 the importance of using technical information to inform your inspection and testing of vehicles

Testing methods and the conduct of Inspections

K10 how vehicle systems operate and the operational tolerances for the vehicle(s) on which you are working

K11 how to follow procedures to carry out systematic inspections

K12 how to confirm the correct operation of vehicle systems and vehicle condition

K13 how to compare test and inspection results against vehicle specifications and legal requirements

K14 how to record test and inspection results in the format required

K15 how to make recommendations based upon the results of your inspections

K16 the implications of failing to carry out inspections activities correctly

K17 the implications of signing workplace documentation and vehicle records

## Scope/range

1. Vehicle inspections include: 1.1. pre-work 1.2. installed system functional check 1.3. post work 1.4. vehicle handover inspection
2. Test methods include: 2.1. sensory 2.2. functional 2.3. measurement
3. Examples of equipment include: 3.1. measuring equipment 3.2. specialist diagnostic equipment 3.3. hand tools 3.4. calibration tools

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## Glossary

This section contains examples and explanations of some of the terms used but does not form part of the standard.

### Agreed timescales

Examples include: manufacturer's recommended work times, job times set by your company or a job time agreed with a specific customer

### Sources of technical information

Examples include pre-determined/pre-printed inspection schedules, vehicle and device manufacturers' manuals and Trade Association check lists, workplace procedures.

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Inspect motor vehicles using prescribed inspection methods

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