
Overview

This standard is about depolluting end of life vehicles (ELVs), conforming to relevant legislation.

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Performance criteria

- You must be able to:
- P1 use suitable personal protective equipment when carrying out **depollution activities**
 - P2 support the depollution of the vehicle by reviewing:
 - P2.1 vehicle technical data
 - P2.2 relevant sources of information
 - P2.3 depollution procedures
 - P3 prepare the vehicle systems and work area for safe working procedures as appropriate to the vehicle
 - P4 prepare, check and use all the required **equipment** following manufacturers' instructions
 - P5 carry out all **depollution activities** following:
 - P5.1 your workplace procedures
 - P5.2 health, safety and environmental requirements
 - P5.3 relevant regulations
 - 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 and hazardous substances
 - P6.3 damage to your working environment
 - P6.4 injury to self or others
 - P6.5 fire and explosion
 - P7 ensure all removed **fluids, units and components** are stored in a suitable manner
 - P8 ensure your records are accurate, complete and passed to the relevant person(s) within the agreed timescale in the format required
 - P9 complete all depollution activities within the agreed timescale
 - 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 legislation and workplace procedures relevant to:
 - K1.1 health and safety
 - K1.2 the environment (including waste disposal)
 - K1.3 appropriate personal protective equipment
 - K1.4 refrigerant handling
 - K1.5 high voltage systems
 - K1.6 explosive atmospheres
- K2 legal requirements relating to ELVs
- K3 your workplace procedures for:
 - K3.1 depollution activities
 - K3.2 the referral of problems
 - K3.3 reporting delays to the completion of work
- K4 the importance of working to recognised depollution procedures and processes and referring to correct sources of information as appropriate
- K5 the importance of documenting depollution information
- K6 the importance of working within your level of competence and responsibility
- K7 the hazards associated with working on or near petrol and alternative fuel vehicle systems and components
- K8 the importance of working to agreed timescales and keeping others informed of progress
- K9 the importance of promptly reporting anticipated delays to the relevant person(s)

You need to know and understand:

Use of depollution equipment

- K10 how to prepare, check and use depollution **equipment**
- K11 the importance of carrying out daily checks on equipment

You need to know and understand:

Use of technical information

- K12 how to find, interpret and use sources of information to obtain depollution information on the ELV

K13 the importance of using the latest version of depollution information

You need to know
and understand:

Depollution process

- K14 how to assess vehicle for health and safety hazards, air bags, high voltage components and any additional hazards
- K15 the depollution procedure to be followed
- K16 how to select the most appropriate depollution method for the system/unit being worked upon
- K17 how to remove hazardous **units and components** from vehicles
- K18 how to drain fluids from vehicle systems
- K19 how to ensure sufficient drainage has been achieved in accordance with risk assessment, operating procedures and current legislation
- K20 how to use suitable **testing methods** to ensure depollution is complete
- K21 the importance of correct storage of all hazardous components and substances removed from the vehicle during depollution
- K22 how to deal with **unforeseen incidents** during depollution process

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Scope/range

- 1. Depollution activities are:**
 - 1.1. removal of batteries and liquefied gas tanks
 - 1.2. removal or neutralisation of potential explosive components (e.g. air bags)
 - 1.3. removal and collection of fluids
 - 1.4. removal of wheels and tyres
 - 1.5. removal of hazardous components (e.g. lead balancing weights or mercury switches)

- 2. Testing methods are:**
 - 2.1. Sensory
 - 2.2. Measurement

- 3. Equipment is:**
 - 3.1. depollution rig
 - 3.2. air con tools
 - 3.3. cutting equipment
 - 3.4. tyre/wheel tools
 - 3.5. lifting equipment
 - 3.6. powered hand tools
 - 3.7. drills
 - 3.8. punches
 - 3.9. suction equipment
 - 3.10. storage equipment

4. Fluids, units and components are:

- 4.1. fuel
- 4.2. engine oil
- 4.3. gearbox oil
- 4.4. hydraulic fluids
- 4.5. coolant
- 4.6. refrigerant gases
- 4.7. screen wash
- 4.8. airbags
- 4.9. shock absorbers and fluid
- 4.10. batteries
- 4.11. catalytic converters

5. Records to include :

- 5.1. appropriate waste documentation
- 5.2. certificates and/or notification of destruction
- 5.3. consignment notes for hazardous components being removed from site

6. Unforeseen incidents to include:

- 6.1. battery damage
- 6.2. fluid leakage
- 6.3. seized fixings
- 6.4. equipment malfunction
- 6.5. insufficient storage capacity

**Additional
Information****Glossary**

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

Alternative fuel:

This is defined as any type of fuel that may be used to power an internal combustion engine, examples would include LPG, bio ethanol etc. plus hydrogen fuel cell systems.

End of life vehicle

A vehicle that has come to the end of its useful life as a motor vehicle and is categorised as waste, generally due to age, malfunction or accident. These may include light vehicles, light commercial vehicle and motorcycles.

Sources of information:

To include International Dismantling Information System (IDIS) and DEFRA guidance, government website and other commercially available data systems.

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