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**Overview**

This standard is about carrying out a range of inspections of lift trucks using a variety of testing methods and equipment.

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## Performance

### criteria

- You must be able to:
- P1 1. use suitable personal protective equipment throughout all lift truck inspection activities
  - P2 2. use suitable sources of technical information to support your lift truck inspection activities
  - P3 confirm that equipment has been calibrated to meet manufacturers' and legal requirements where necessary
  - P4 carry out systematic lift truck inspections following:
    - P4.1 your workplace procedures
    - P4.2 health and safety requirements
  - P5 5. conduct all lift truck testing following:
    - P5.1 the manufacturer's instructions
    - P5.2 the recognised test methods
    - P5.3 your workplace procedures
    - P5.4 health and safety requirements
  - P6 ensure your comparison of the lift truck against specification accurately identifies any:
    - P6.1 differences from the lift truck specification
    - P6.2 lift truck appearance and condition faults
    - P6.3 non-compliance with statutory requirements
  - P7 work in a way which minimises the risk of damage to the lift truck and its systems, other people and their property
  - P8 make suitable recommendations for future action based upon the results of your tests and inspections
  - P9 ensure your records are accurate, complete and **promptly** passed to the relevant person(s) ~~promptly~~ in the format required
  - P10 complete all inspection activities within the agreed timescale and to specification
  - P11 **promptly** report any anticipated delays in completion to the relevant person(s) in authority ~~promptly~~

## Knowledge and understanding

You need to know and understand:

### Legislative and organisational requirements and procedures

- K1 the health and safety legislation and workplace procedures relevant to lift truck inspection activities including PPE
- K2 the health and safety legislation relevant to the types of thorough lift truck inspections ~~described in the Scope for this standard~~
- K3 your workplace procedures for:
  - K3.1 recording lift truck inspections and any variations from acceptable tolerances
  - 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, costs and profitability
- K7 the importance of promptly reporting anticipated delays to the relevant person(s) in authority ~~promptly~~

### Sources of information

- K8 how to find, interpret and use technical information
- K9 the importance of using technical information to perform your inspection and testing of lift trucks

### Testing methods and the conduct of inspections

- K10 how lift truck systems operate (including the power plant source area, transmission area, driveline, mechanical handling and chassis area and electrical area). The operational tolerances for the vehicle(s) on which you are working
- K11 how to follow procedures and processes to enable a logical and systematic inspection of lift trucks
- K12 how to test the operation and tolerances of lift truck systems and lift truck condition

- K13 how to compare test and inspection results against lift truck 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 full implications of failing to carry out an inspection correctly
- K17 the implications of signing workplace documentation and vehicle records

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**Scope/range**

1. **Lift truck inspections** include:
  - 1.1. thorough examination and test procedure
  - 1.2. LOLER
  - 1.3. PUWER
  
2. **Test methods** include:
  - ~~2.1.~~ ~~visual~~
  - ~~2.2.2.1.~~ ~~auralsensory~~
  - ~~2.3.2.2.~~ functional
  - ~~2.4.2.3.~~ measurement
  
3. **Equipment can** include:
  - 3.1. lift chain gauges
  - 3.2. fork arm gauges
  - 3.3. torque setting
  - 3.4. specialist diagnostic equipment
  - 3.5. measuring equipment (e.g. vernier callipers, micrometer, feeler blades etc.)

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**Glossary**

**Future Action:**

Recommended additional work with relation to safety critical items; repairing and replacing.

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<b>Developed by</b>	IMI
<b>Version number</b>	3
<b>Date approved</b>	December 2021
<b>Indicative review date</b>	December 2024
<b>Validity</b>	Current
<b>Status</b>	Original
<b>Originating organisation</b>	IMI Ltd
<b>Original URN</b>	LT06
<b>Relevant occupations</b>	Lift Truck Service Technician (Automotive); Lift Truck Trailer Diagnostic Technician (Automotive); Lift Truck Trailer Master Technician (Automotive); Lift Truck Workshop Controller
<b>Suite</b>	Lift Truck
<b>Key words</b>	Inspect; Lift; Trucks; thorough; examination; Power; Loler;