



Hoists and Hoist Towers

Prepare: Quiet location? No distractions? Talk aids ready?

Reason: All persons must be aware of the safe methods of using hoists.

Why: A hoist can be a dangerous piece of equipment if used unsafely.

Outline: Outline.



Construction And Maintenance

- The erection, alteration or dismantling of a hoist is a specialist operation and should only be carried out by a competent person.
- All hoists must be marked whether they are for goods or passenger use.
- Passenger hoists must be fitted with interlocked gates at every landing place.

Q: What could be the consequence of interfering with hoist ties?

Safety Features

- All hoist cages and platforms must be marked with the safe working load.
- All hoists must be marked whether they are for goods or passenger use.
- Passenger hoists must be fitted with interlocked gates at every landing place.
- All hoists should be fitted with an efficient braking device capable of supporting the platform and load in the event of a failure of the lifting gear

Q: What action would you take if you believe that a hoist is defective?

NOTES

FOR MORE INFORMATION

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Email: sales@steponsafety.co.uk

Visit: www.steponsafety.co.uk



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Q: What could be the consequences of overloading a passenger hoist?

Operation

- Hoists should only be operated by an authorised person.
- All ground level and landing gates must be kept closed whilst the hoist platform or cage is in motion.
- Passengers must never attempt to travel in hoists designed for goods only.
- Hoists should never be operated in excess of the safe working load.

Q: Why should passengers not use a hoist intended for goods only?

Inspection

- All hoists must be subjected to periodic examination by a competent person.
- Passenger lifts must be examined to test safety devices after each time the height of the hoist way is altered.

Q: Who should carry out the thorough inspection of a hoist?

Do you have any questions for me?

Sources

- <https://www.hse.gov.uk/statistics/pdf/fatalinjuries.pdf>
- <https://www.hse.gov.uk/statistics/industry/construction.pdf>

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