



- 16 **DO NOT** use the hoist if any damage occurs during use to the cables or plugs. Contact the Hire Company.
- 17 **ENSURE** that whilst the hoist is in operation that there are no protruding objects that will catch on the load.
- 18 **ENSURE** that the electrical cables do not come into contact with the hoist whilst in operation.
- 19 When lifting or lowering operations are being carried out a smooth action is to be observed to minimise vertical or sideways movement of the load.
- 20 **DO NOT** allow the load to spin during lowering or lifting, use a guy rope if needed.
- 21 **DO NOT** leave loads suspended or unattended. **ALWAYS** lift or lower it and off load the hoist.
- 22 **DO NOT** operate the hoist if the wind speed exceeds the maximum specified by the manufacturer.
- 23 Switch off and unplug when leaving the hoist unattended for short periods. If the hoist is left unattended for longer periods then the hoist should be secured to prevent unauthorised use.
- 24 A competent person **MUST** inspect the hoist every 7 days.

- 25 **DO NOT** attempt to repair the hoist or electrical supply. Contact the Hire Company.

#### **WHEN USING ELECTRICAL EQUIPMENT**

- 26 **CHECK** that the voltage of the supply is correct. The hoist will be either 110 or 230 volts.
- 27 The use of hoist at 110V (CTE) will effectively eliminate the risk of death and greatly reduce the degree of injury from an electric fault.
- 28 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.

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**When using a 230V hoist, the risk of injury or death from electric shock is unacceptably high unless the following precautions are taken:**

- a) Use RCD power breakers at the supply socket to give protection for both the equipment and its power cable.
- b) The RCD should be protected from dust, wet weather, mechanical damage and vibration.
- c) Position power cables where they are less likely to be damaged.
- d) The hoist, cables and RCDs should be checked every day (or every shift) using the following as a guide:
  - **CHECK** that bare wires are not visible
  - Make sure that cables are not damaged and are free from cuts and abrasions (apart from light scuffing)
  - **CHECK** that the plug is in good condition, the casing is free from cracks, the pins are not bent or the socket is not blocked with debris or dirt
  - Ensure that there are no taped or other non-standard joints in the cable
  - **CHECK** that the cable covering has not been pulled out of the grips at the plug or equipment. (The coloured insulation of the internal wires should not be visible)
  - **CHECK** the outer casing of the equipment for damage and check for loose or missing parts or screws
  - Make sure that there are no overheating or burn marks on the plug, cable and equipment
  - **CHECK** the operation of the RCD power breaker by operating the test button.

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Hoists using 110 volts should be checked weekly as in 29(d) above, but it is not necessary to carry out these checks at all for portable battery operated machines.

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**CHECK** regularly that all ventilation grills are clear and free from dirt.

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If the automatic cutout operates, allow the motor to cool before re-starting.

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**DO NOT** move the hoist by its cable or disconnect a plug by pulling its cable.



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