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When using 230V equipment, 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 equipment, 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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Equipment using 110 volts should be checked weekly as in 15(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 cut-out operates, allow the motor to cool before re-starting.

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