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Rcd should be:

- Installed in a dustproof and weatherproof enclosure... Protect against mechanical damage and vibration...

2. Supply leads

- Positioning them where they are less likely to be damaged... Using special abrasion resistant or armoured flexible supply leads where appropriate.

3. Tools

Select tools that are designed for trade and work use. Double insulated equipment is strongly recommended where it is necessary to use a

mains voltage supply, because the tools themselves are less likely to give rise to danger. (Danger can still arise, however, if the cables, plugs or equipment casing are damaged).

4. Checks

- Regular maintenance checks should be made of all electrical equipment. These should include: Visual checks by the user each time the tool is used...

USING ELECTRICAL EQUIPMENT

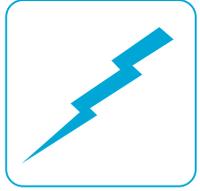
- If a cable appears to be cut or damaged in any way, switch off and unplug at the mains before inspecting it... If the equipment does not work properly, do not attempt to repair it.

110/230v Electricity

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read this entire leaflet BEFORE starting work

- Electricity is hazardous and must always be used with great care. Water and electricity make a very hazardous combination. Keep electrical equipment away from rain and water.



Please keep this leaflet safely as it may be required for reference at a future date



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1. Residual current devices protect people who may receive an electric shock by filling non-adjustable residual current devices (RCDs) with a rated tripping current of 30 mA. RCDs should be installed either at the distribution board which feeds the mains supply sockets or at the fixed main supply socket.

PRECAUTIONS

The HSE consistently recommended 110v systems as the best solution for reducing risk from portable, hand-held tools and transportable equipment. A risk assessment carried out by the planning supervisor (or other person responsible for health and safety on site) is likely to indicate that risk of electric shock is most effectively controlled by the use of 110v equipment.

USING 230V EQUIPMENT ON CONSTRUCTION SITES AND OTHER SIMILAR ENVIRONMENTS WARNING

connections are dry and safe.

5. Make sure that any extension cable overhead and could catch fire.

4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it.

3. If an extension cable is required, follow any special given by the hire company.

2. Use the "TEST" button to check that the red is working each time it is used.

1. Use a residual current device ("rcd") plugged directly into the 230volt socket.

4. Make sure that any extension cable connections are dry and safe.

3. If an extension cable is required, follow any special given by the hire company.

2. Use the "TEST" button to check that the red is working each time it is used.

1. Use a residual current device ("rcd") plugged directly into the 230volt socket.

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4. Make sure that any extension cable connections are dry and safe.

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1. Check the equipment, cables, plugs and sockets, if anything is found damaged, do not use it - contact the hire company.

2. Check that the plugs and sockets on the cables match the supply. Do not try to force connections or improvise them.

3. Equipment with a cylinder yellow industrial plug fitted is designed to run off a special 110v supply. The hire company will have provided a portable transformer if the equipment is to be powered from a normal mains 230v supply.

1. If using a portable transformer, plug the transformer directly into the 230 volt socket. Do not use any 230v extension cables.

2. If an extension cable is required, follow any special instructions given by the hire company. If the hire company have not given any special instructions, only use a suitable rated heavy duty 110v extension cable, not longer than 50 meters (160 feet).

3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it.

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5. Make sure that any extension cable overhead and could catch fire.

1. Do not use electrical equipment where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.

2. Make sure that the area is clear and safe and that no-one is close by or could cause distraction.

3. Protect other people from any noise and dust the work may produce. Warn others to keep away, put barriers around the work area.

4. Keep electrical equipment away from rain and water.

1. The following items of personal protective equipment (PPE) are the minimum that should be used whenever using electrical equipment. Particular jobs or environments may require a higher level of protection.

2. Anyone who is working close by will also need to wear appropriate personal protective equipment.

3. Personal protective equipment appropriate to the machine / equipment being used will be required to be worn.

4. A rcd if using a 230v (mains) supply. Personal protective equipment appropriate to the machine / equipment being used will be required to be worn.

5. Equipment with a cylinder yellow industrial plug fitted is designed to run off a special 110v supply. The hire company will have provided a portable transformer if the equipment is to be powered from a normal mains 230v supply.



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