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Rcd should be:

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

2. Supply leads

- Reduce the risk of flexible supply leads being damaged by: Positioning them where they are less likely to be damaged...

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

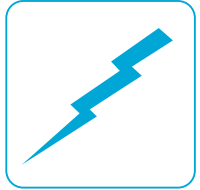
- 1. If a cable appears to be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable attached to a machine is damaged, stop using the machine.

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

- 1. Electricity is hazardous and must always be used with great care. 2. 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. In either of these positions they will provide protection from faults in both the cable and tool. RCDs fitted close to the tool only protect from faults in the tool.

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

If 230v is selected for portable tools and equipment on construction sites, the risk of injury or death arising from the use of damaged or faulty equipment, leads or plugs is unacceptably high unless special precautions are taken. The precautions must reduce the risk to an acceptable level.

- 1. Use a residual current device ("rcd") plugged directly into the 230volt socket. Plug the machine into the rcd. This will help to protect against electric shock if the cable or machine get damaged. 2. Use the "TEST" button to check that the rcd is working each time it is used. Reset the rcd according to the instructions supplied with it.

230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)



- 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 meters (160 feet). An extension cable must only be used between the transformer and the machine.

110 VOLT MACHINES (YELLOW PLUGS)

1. The equipment will only operate on one plug fitted, or blue industrial plug. 230v equipment designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for the equipment.



- 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.

WORK AREA

OPERATORS

EQUIPMENT

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