For guidance on managing construction health risks go to www.hse.gov.uk/construction





1001 Safety Guidance EXTENSION CABLES



Using the Equipment

- 1. If you think a cable may be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable attached to the machine is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
- Take care not to accidentally pull the plug from the socket.
- Switch off and unplug before leaving the machine unattended.
- If your equipment does not work properly, do not attempt to repair it. Contact the hire company.

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

Cable Reels and Distribution Boxes

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 using the Cable Reels and Distribution Boxes

- 1. Plan your work and think ahead to make sure you will always be working safely.
- Electricity is hazardous and must always be used with great care.
- Cable reels and distribution boxes are designed to supply the electricity safely up to their rated current.
- If you have not used this type of equipment before, familiarise yourself with the cables, plugs and sockets before connection to the electricity supply.
- You must have at least the following items of personal protective equipment: RCD if using a 230 volt (mains) supply.
- Particular items of equipment or environments may require a higher level of personal protective equipment.
- Electrical equipment must not be used by minors, or by anyone under the influence of drugs or alcohol.
- Electrical equipment is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

Every effort has been made by HAE/EHA to ensure that the information given in this document and supporting materia







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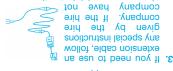
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connections are dry and safe. 5. Make sure that any extension cable

it fully or it will overheat and cold catch where vehicles might run over it. Unroll where it might be trapped, and places sharp edges, doorways or windows 4. Lay it out carefully avoiding liquids,

heavy duty cable, not longer than 50 metres (160 feet). Plug it directly into should only use a suitable rated given any special instructions, you



instructions supplied with it. the red is working each time you use it. Reset the red according to the instructions supplied with it 2. Use the "TEST" button to check that

get damaged. will help to protect you against electric shock if the cable or machine Plug your machine into the rcd. This THE 230 VOIT SOCKEL.

TIPL plugged directly in to current device ("rcd") asU .r residual В

> (SQUARE PIN OR BLUE PLUG) **230 VOLT MACHINES**

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

catch life. fully or it will overheat and could vehicles might run over it. Unroll it pe frapped, and places where doorways or windows where it might 3. Lay the extension cable out carefully avoiding liquids, sharp edges, transformer and the machine.

an extension cable between extension cable, not longer than 50 metres (160 feet). You must only use suitable rated heavy duty instructions, you should only use a company have not given any special by the hire company. If the hire follow any special instructions given 2. If you need to use an extension cable,



sul the 230 volt socket. Do not use any 230v transformer directly into transformer, bnid 1. If you are using a portable

extension cables.

110 NOLT MACHINES (YELLOW PLUG)

instructions below for your machine. a blue industrial plug. either a normal square pin plug fitted, or plug fitted. 230v machines will have machines will have a yellow industrial voltage: it will be 110v or 230v. Your equipment will only operate on one

ELECTRICAL SAFETY







to stop it. equipment on, you must know how - before you switch oberates Check on how the on/off switch

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fitted or a blue industrial plug. have either a normal square pin plug to run directly from 230v mains will than you think. Equipment designed care not to injure yourself when moving it about – it may be heavier about – it may be heavier. fransformer has been supplied, take mains 230v supply. If a portable power the equipment from a normal portable transformer if you need to hire company will have provided a run off a special 100v supply. The industrial plug fitted is designed to Equipment with a cylindrical yellow

cable (or fuse) can carry. equipment is not more than the current drawn by all of your together. You must ensure that the can run rour rems or equipment all sockets, this does not mean that you distribution box may have four outlet tools off it at the same time. distribution box by running too many Do not overload a cable or a

torce connections or improvise march your supply. Do not try to

Check that the plugs and sockets on your cables and distribution boxes confact the hire company.

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plugs and sockets. If anything is found damaged, do not use it -7. Check your equipment, cables,

EQUIPMENT

personal protective equipment. will also need to wear appropriate Anybody who is working near to you equipment you will be using.

appropriate to the machine or personal protective equipment supply. You will also need to war An rcd if using a 230v (mains) level of protection.

environments may require a higher ednipment. Particular Jobs or noλ electrical əsn whenever protective equipment (ppe) are the minimum that should be used 1. The following items of personal

SHOTARING

rain and water.

Keep electrical equipment away from

barriers around your work area. Marn others to keep away, put Protect other people form any noise

or could distract you. sate and that no-one is near to you

Make sure that the area is clear and

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

WORK AREA

