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

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1301 Safety Guidance
110/230V v:112016

ALLIANCE TOOL HIRE of course!

Site Fan

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 all of this leaflet

BEFORE you use the Site Fan

1. Plan your work and think ahead to make sure you will always be working safely.
2. Electricity can be hazardous and must always be used with great care.
3. This fan is designed to circulate the air within a building producing a stream of cool air to reduce the temperature.
4. This fan can cause injury or damage if it is not used in a careful and controlled way.
5. If you have not used a fan before, familiarise yourself with the potential hazards and the precautions you should take before you start to use it.
6. You should use a residual current device 'rcd' to help protect you against electric shock if using a 230 volt (mains) supply.
7. This fan must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This fan is designed for use by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

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HAE HIRE ASSOCIATION EUROPE

Hire Association Europe
2450 Regents Court
The Crescent
Birmingham Business Park
Solihull B37 7YE

Telephone: 44 (0) 121 380 4600
Fax: 44 (0) 121 333 4109
Email: mail@hae.org.uk
website: www.hae.org.uk

Using the Site Fan

1. Use an rcd if your fan uses a 230 volt supply.
2. Make sure the fan is sited in a safe secure place before switching on.
3. Do not move the fan while it is running.
4. Do not allow anyone to stand in front of the fan, the dust particles blown up by the fan could be dangerous to health especially if blown into the eye.
5. This fan can also be used to improve the ventilation of a building.
6. Switch off and unplug, before moving the fan.
7. Switch off and unplug if you are not using the fan.
8. If you think the 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 fan is damaged, stop using the fan. Contact the hire company. If an extension cable has been damaged, do not use it again.
9. Take care not to accidentally pull the plug from the socket.
10. 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

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Before Starting Work...

Before Starting Work WORK AREA

1. Do not use this fan where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Site this fan in a safe place away from walls and other obstructions to optimize its efficiency.
3. Protect other people form possible flying debris blown by the fan. Do not allow anyone to stand in the airflow to touch the fan while it is in use.
4. This fan can be left unattended once it has been set up safely.
5. Do not use this fan in the rain or where it might get wet.

FAN

1. Check your fan, cable and plug and equipment. If anything is found damaged, do not use the equipment – contact the hire company.
2. Check that the plug on your fan matches your supply. Do not try to force connections or improvise them.
3. Fans with a cylindrical yellow industrial plug fitted are designed to run off a special 100v supply. The hire company will have provided a portable transformer if you need to power the fan from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about – it may be heavier than you think. Fans designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug.
4. Do not cover or block the air intakes and outlets while the fan is in use.
5. Do not push fingers or anything else through th grille while the fan is running.
6. This fan is for use inside buildings only, do not use it outside.
7. Check on how the on/off switch operates – before you switch the fan on, you must know how to switch it off.

ELECTRICAL SAFETY

Your fan will only operate on one voltage: it will be 100v or 230v. 110v fans will have a yellow industrial plug fitted, or a blue industrial plug. Read the instructions below for your fan.

110 VOLT HEATERS (YELLOW PLUG)

1. If you are using a portable transformer, plug the transformer directly into the 230 volt socket. Do not use any 230v extension cables.
2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty 100v extension cable, not longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the fan.
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. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.

230 VOLT HEATERS (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ('rcd') plugged directly into the 230 volt socket. Plug your fan into the rcd. This will help to protect you against electric shock if the cable or fan get damaged.
2. Use the 'TEST' button to check that eh rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty longer than 50 metres (160 feet). Plug it directly into the rcd.
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. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.

Useful Reference Points • www.hae.org.uk/businessguard

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