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

HOSES *(Continued)*

4. Inspect the fum extractor before using the machine ensuring the inlet and exhaust hoses are connected securely.
5. Always ensure the fume extractor is placed on a firm level surface.

ELECTRICAL SAFETY

The equipment will only operate on one voltage: 110v machines will have a yellow industrial plug fitted. 230v machines will have either a fused square pin (domestic) plug fitted or a blue industrial one. Read the instructions below for the machine.

110 VOLT MACHINES (YELLOW PLUG)

1. If using a portable transformer, plug the transformer directly into the 230v socket. Do not use any 230v extension cables.
2. If an extension cable is required to be used, follow any special instructions given by the hire company. If the hire company has not given any special instructions, use a suitably heavy duty 110v extension cable no longer than 50 metres (160 feet). The extension cable must only be used between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped and places where vehicles may run over it. Unroll it fully or it may overheat and catch fire.
4. Ensure any extension cable connections are dry and safe.

230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ("RCD") plugged directly into the 230v socket. Plug the machine into the RCD - this will help protect against electric shock if the cable or machine is damaged.
2. Use the "TEST" button to check the RCD is working each time it is used. Reset the RCD according to the instructions supplied with it.
3. If an extension cable is required follow any special instructions given by the hire company. If the hire company has not given any special instructions use only a suitably rated heavy dute extension cable no longer than 50 metres (160 feet). Plug it directly into the RCD.
4. Lay out the extension cable carefully avoiding liquids, sharp edges, doorways or windows where it may become trapped and places where vehicles may run over it. Unroll the cable fully or it may overheat and catch fire.
5. Ensure the extension cable connections are safe and dry.

Keep this leaflet in a safe place until work is finished as it may need to be referred to again.

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Safety Guidance

v:012017

Frank Key. PLANT & TOOL HIRE

Fume Extractor

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. This leaflet is not a substitute for a properly executed risk assessment.

It is important to read all of this leaflet BEFORE you use the Fume Extractor

1. Plan work ahead to ensure safe working conditions.
2. A competent person must authorise use of the fume extractor for some of the applications outlined in this leaflet.
3. Electricity can be hazardous and must always be used with great care.
4. The fume extractor must not be used by minors or by anyone under the influence of drugs or alcohol.
5. The fume extractor is designed to be installed / used by an able bodied adult. Anyone with either a temporary of permanent disability should seek expert medical advice before using the machine.

BEFORE STARTING WORK
WORK AREA

1. Do not use the fume extractor where this a danger of explosion. It will ignite fumes from petrol or gas cylinders.
2. Do not use the fume extractor in the rain or where the electrical parts might get wet.
3. Check the rcd (safety ciruit breaker) and any cables, plugs and sockets. If anything is found to be damaged, do not use it - contact the hire company.
4. Electricity can be hazardous and must always be used with great care.

HOSES

1. Ensure the hoses are positioned safely and do not foul or come into contact with sharp surfaces. This may cause damage and subsequent escape of fumes.
2. Ensure the exhaust hose ventilates to a suitable (external) location.
3. To reduce the risk of serious or fatal injury from breathing toxic fumes, never vent the exhaust hose indoors.

(Continued overleaf...)

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