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be working safely.

signal generator.

or alcohol.

or explosion.

## Using the Cut-off Saw

- Wear protective equipment including goggles and dust mask 1.
- 2. Check that the cutting wheel is fitted securely, and that the guard is properly adjusted.
- Always hold the machine securely with, both hands: left hand on the front handle, right 3. hand on the rear.
- Be prepared for the reactive force when the wheel contacts the surface to be cut: the 4 machine will pull away from you, or pull up a vertical surface.
- Use full throttle: make sure the wheel is running at full speed before lowering it carefully 5. onto the surface
- 6. If the machine starts to labour and slow down do not force it so hard. Do not overload the machine. Long shallows cuts keeping the wheel speed up are more effective than aggressive pressure.
- When you come towards the end of the cut, release some of the pressure on the machine 7. and be prepared for it to come free from the material.
- The machine can only cut in straight lines. Do not try to go round corners. 8.
- Only use the machine up to shoulder height. Arrange a suitable working platform if you 9. need to cut higher than this.
- Watch out for signs that vibration from the work may be affecting your hands. If fingers start 10. to tingle or feel numb, take a short break from cutting work. Exercise fingers to encour circulation. Find out more about vibration. Ask the hire company for a copy of the HAE leaflet no. 2150 - Hand-arm vibration or visit www.hse.gov.uk/vibration
- 11. To help prevent vibration affecting hands, operate the machine for shorter periods. Keep hands warm - wearing gloves may help do this.
- 12. Stop the engine if leaving the machine unattended.

onwards, given in the section starting from cold.

Set the choke lever to the off position.

ever back to the starting position.

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cord again.

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the throttle is now in position ready to start.

X. Now release the throttle, control lever and interlock:

Follow the rest of the instructions from instruction 5

Whilst keeping these pressed in, pull the control

arm up by gentry opening the throttle, before

mail position and the engine will idle. Set th

the throttle trigger. The control lever will revert to its

on, set the decompression valve, and pull the starter

with the engine, then pull it quickly and strongly.

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Hold the saw down tirmly, with your left hand on the

the ground. Make sure that the cutting disk is not

Place the cut-off saw squarely on its base plate on

accompression valve need to be set each time a

s still cold, the choke control should be in the off

Set the choke lever to on. If the engine has run but

If the saw has a decompression valve, set it. The

10. If the engine did not start, set the choke control to

9. Guide the cord back into place so that it recoils

8. With your right hand, pull out the starter handle

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ever back to the starting position.

STARTING WHEN COLD

s the interlock and the throttle at th

Otherwise, tollow the instructions given below.

most cut-off saws. If the hire company has given you special instructions for the saw, follow them.

This section describes the starting procedure for

sh attempt is made to start the engine.

Don't pull it too far, or it may break.

12. In cold weather, you may need to let the engine

11. If the engine is now running, squeeze and relea

Press the interlock and the throttle at the same time

- 13. If the cut-off saw does not work properly do not attempt to repair it. Contact the hire company.
- 14. You may want to read this leaflet again. Please keep it safely until you have finished work.



Halt

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- 11. Put all fuel caps back on properly, and move the fuel
- 10. If any fuel is spilt on your clothes, change them
- up or cover it with soil. If small amounts of fuel are spilt on the ground, wipe
- оякед сюлл сяценцій.
- Wipe any fuel off the machine. Dispose of fuel -8 vourseit or the machine.
  - Use a tunnel when retuelling. Do not spill any tuel on Shake the fuel can to mix the petrol and oil. **.**9
  - and tailing into the tuel tank. in the filter cap and the area around it to prevent ·9

  - It possible move the machine away from the work Stop the engine and let it cool down. 3
  - petrol. If the hire company has given special instructions on how much oil to use, follow them. Otherwise use I measures of petrol (40ml pet litre).
- Use a tresh mixture of two stroke engine oil with покіль.
  - BEFUELLING
- 6. When stopping the saw, push the control lever
- attempting to start an engine from cold. 5. The choke control should only be used when first
- to be pressed before each fresh attempt to start the
- is only used when starting the cut-off saw it n sidT .evi ч1 🨕 position is only used when starting the engine.
- 3. The main control lever has three positions. Under normal inomia, it is at the 'on' position. Push the control lever forward to stop the sam. The rear control lever forward to stop the adminent the proving the position is apply used when stating the adminent to stating is apply used when stating the proving the proving the position is apply the position.
- pressed in before the throttle can be squeeze 01 50
- prevent the throttle being squeezed or pre-accidentally. The interlock always needs t . ດາ 'ເອດີດີເມ ອເ Z. I here is an interlock control on the through
- the throttle is now in position ready to start. 3. Now release the throttle, control lever and interlock: whilst keeping these presed in, pull the control

## Before Starting Work.

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

explosion. It will ignite fumes from petrol, or gas Do not use this machine where there is a danger of AAHA XHOW

- conia cause ratal carbon monoxide poisoning. Never Using this equipment indoors or in confined spaces

0210 Safety Guidance

It is important to read all of this leaflet

**BEFORE you use the Cut-off Saw** 

Plan your work and think ahead to make sure you will always

Petrol mixture is highly flammable. Take care not to cause a fire

This cut-off saw is designed to cut concrete, masonry, asphalt,

teel, cast iron and similar materials using the appropriate

abrasive or diamond wheel. Do not use it for anything else.

material if you have not used it before.

87dB(A) at the ear; Safety boots; industrial gloves.

or permanent disability must seek expert advice before using it.

effort has been made by HAE/EHA to ensure that the information given in this docum

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mark on the wheel

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A personal first-aid kit should be available.

careful not to lift beyond your own capabilities.

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tound on most cut-off saws. Uneck the saw to find This section describes the controls and symbol

Retore starting the machine, know how to stop it.

10. Do not use this machine to cut asbestos or materiais

company for HAE leatilet no.1415 - cable location

or water pipes where the cut is to be made. Consider using a cable and/or pipe detector, ask the hire company for suitable types available. Ask the hire

Check that there are no hidden electric cables, gas

wake sine the guards around the wheel are in place

subtrer them. Do not try to carry out any grinding

Abrasive wheels fitted to this cutoff saw are for cutting on the edge only. Any side pressure could

You must also comply with the direction of rotation

When fitting diamond wheels, you must check that the bore size is the same as the spindle diameter.

setified to a higher speed than that shown on the

Look at the speed stated on the label of the cutting off wheel being used, and the speed shown on the cut-off saw. Check that the tubet shown of the

Make sure the correct type of cutting wheel as

hire company for HAE leaflet no. 0403 - abrasiv vneei uniess you are competent to do so. Ask the

curely clamped or held in a vice.

You must not fit or change any abrasive or diamond

Any work that is not part of a fixture should be

ded by the hire company for the mate

11. Make sure that you understand all of the contro

the controls before trying to start it.

Carelessness or misuse could cause a serious or fatal accident

Cut-off (Abrasive) Saw

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 machine will damage property if it is not used carefully. Practice on some scrap

Make sure that there are no hidden electricity cables, gas or water pipes where the cut is to

be made. Consider using a cable and/or pipe detector, ask the hire company for suitable

types available. Ask the hire company for HAE leaflet no.1415 - cable location and

The following items of personal protective equipment must be worn: goggles; dust mask- a

minimum of FFP3 protection; ear muffs or plugs giving protection to reduce exposure to

This machine must not be used by young persons, or by anyone under the influence of drugs

This machine is designed for operation by an able bodied adult. Anyone with either temporary

Although most cut-off saws are designed for one person operation you should always be

is accurate and not misleading. HAE/EHA cannot accept responsibility for any loss or liability perceived to have arisen from the use of any such document/material. Only Acts of Parliament and Statutory Instruments

have the force of law and only the courts can authoritatively interpret the law.

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and guards. It anything is found to be damaged, do not use the cut-off saw. Contact the hire company.

Anybody who is working close by will also need to west identical personal protective equipment.

effects of vibration - Ask the hire company for a copy of the HAE leaflet no. 2150 - Hand-arm

hands warm while working. Find out more about the Vibration from using this machine can be hazardous. Warm hands up before commencing work, and wear industrial grading gloves to keep

93 dB(A) - wear appropriate ear mutta or plugs giving hearing protection for this level as a minimum. Safety boots must be worn.

Goggles and dust mask - a minimum of FFP3

or environments may require a higher level of

The following items of personal protective equipment (PPB) are the minimum that should be vorm when ever using the cut-off saw require a po-temper generation are an even of the cut-off set of the set of set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of the cut-off set of the cut-off set of the set of the cut-off set of t

Clear the area of trip hazards such as rubble,

than those directly assisting with the work, enter the

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children and animals away when using this

physical barriers, barrier tape and signs. Keep vay, set up an exclusion zone around the nere the cut-off saw is being used with

Protect other people from the holse.. Warn others to

criou; must be worn when working with this

quipment is likely to cause noise le

nonstion of visit www.nse.gov.uk/vibration

achine, including the engine, fuel tank

l personal protective equipment.

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