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

Betore Starting Work.

## **AAHA XHOW**

- Do not use this machine where there is a danger of explosion. It will ignite tumes from petrol or ass cylinders
- ssed. Mechanical extraction ventilation required the filling the suitability and the the tituation of tituatio of tituation of t Ventilation JOODUI domestic premises and only use it in other confined spaces could cause fatal carbon monoxide poisoning. Never use it in Using this equipment indoors or in .s rom petrol, or gas cylinders.
- nd that no-one is nearby and there are no Make sure that the area is clear and safe 31 vill almost always be required.
- Protect people from the noise, debris and dust. Warn people to keep away, put suonoensis
- barriers around the work area.
- It the machine has a vacuum dust ·G
- collection will be more efficient. -9 collection system then the machine should be operated with a dry surface. The dust
- damping down the surface to be worked on will help control dust.
- .,
- The following items of personal protective equipment (ppe) are the minimum that **SHOTAREGO** The machine may damage pipes or cables laid just beneath the surface.
- require a higher level of protection. used. Particular jobs or environments may sponid be worn whenever the machine is
- ·7
- This equipment is likely to cause noise levels up to 102dB(A)-appropriate ear
- 31 protection for this level as a minimum.
- loor grinder is being operated.

- Impact resistant goggles must be worn (EN166 -B or BS2092 grade 1) when this

- An appropriate dust mask must be worn (S) FFP3(S) with a minimum of EN149 FFP3(S)

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ust may cause dust.

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Safety boots must be worn (EN345 or

ection) when material is being planed

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The Crescent Birmingham Business Park

Association Europe

0218 Safety Guidance

It is important to read all of this leaflet

**BEFORE using the Floor Grinder** 

1. Petrol is highly flammable. Take care not to cause a fire or explosion.

The appropriate attachments must be used.

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abrasive

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machine should be periodically stopped and checked, and the wedges tightened as

wedges may gradually become loose. The

machine to ensure the abrasives are resting evenly on the floor. The machine is

Rotate the tilting handle to adjust the

Lift the handle to stand the machine

narawood wedges supplied by the hire

Do not use any other wedge except those

If a hardwood edge is damaged or worn, do not use it, replace it.

Do not use a different abrasive attachment on each housing or disc; always use the same abrasive throughout.

of the machine and the housing. Hammer each wedge firmly home.

inserting a hardwood wedge between the side of the stone or box nearest the centre

Each one should be secured in turn by

replacement abrasive snould be placed in

The old attachments should be removed by knocking out the hardwood wedge, each

ot word how they fit so that it is known how to

rests on the ground, to show the two discs

Make sure the engine is stopped and sate. Tilt the machine back, so that the handle

Before changing the abrasive attachments

fit the replacements attachments.

that hold the abrasive attachments

CHECKING AND CHANGING THE

**STNAMHOATTA AVIZARAR** 

the appropriate housing.

11. Whilst the work is being carried out, the

machine is not used in a careful and controlled way

This floor grinder is designed for grinding concrete surfaces,

removing loose surface material or ridges, preparing the surface

for painting; it can also be used for removal of dry grease or paint.

The action of this floor grinder can cause injury or damage if the

machine on some straightforward work before starting on the main task.

Impact resistant goggles: EN166 - B or BS2092 grade 1;

Ear muffs or plugs giving protection for levels up to 102 dB(A):

temporary or permanent disability must seek expert advice before using it.

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same abrasive throughout.

.egwood wedge.

three

known how to stop it.

**STNEMHOATTA EVISARBA** 

Dust mask - a minimum of EN149FFP3(s) protection;

Safety boots to EN345 or BS1870/4972:

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on each housing or disc; always use the

Do not use different abrasive attachments

Each abrasive attachment is held in by a

and can be easily interchanged, one with

grinding stone; a box containing scouring wheels; or a wire brush. The abrasive

I hese abrasive attachments can be a

πιαςηπέριτε ιοςαιέα concentrically around

There are two discs that rotate on the underside of the floor grinder. Each disc

Berore the machine is started it must be

All of the controls must be understood.

be worn to keep the hands warm whilst

ISDU SAVOID DUE MOW AUT DUITIES ATOLAD

Vibration from using this floor grinder can be hazardous. Hands must be warmed up hefore starting the work and clores must

attachments must be used for the machine

lamaged – contact the hire company.

Check the machine, engine, and all equipment. Do not use anything found

to wear appropriate personal protective

People working nearby will also be required

and for the job by the hire company.

cyangeable

attachments are the same size and sha

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Overalls and gloves.

**Floor Grinder** 

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.

If the operator has not used a floor grinder before, they should familiarise themselves with the

This machine must not be used by minors, or anyone under the influence of drugs or alcohol.

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

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FLOOR GRINDER

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ty enotinable been made by here renate the intermediation given in this document and supporting is accurate and not misleading. HAE/ENA 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.

This floor grinder is designed for operation by an able-bodied adult. Anyone with either

The work must be planned and thought out to ensure it will always be carried out safely.

The following items of personal protective equipment must be worn as a minimum:

For guidance on managing

construction health risks go to www.hse.gov.uk/construction

**Using the Floor Grinder** 

The machine must be running at full speed before lowering the abrasives carefully onto the

When grinding or scouring, the grinder must be moved over the floor in a circular scything

motion. If using wire brushes the machine should be pulled backwards, taking care not to trip

Care must be taken not to damage any finished floor surfaces by operating the machine while

While working, a lookout must be kept for any obstructions on the path of the grinder, stop the

As the abrasives wear the tilting handle must be adjusted to maintain a level contact between

Do not adjust the tilting handle in an effort to increase the pressure onto the floor. This will not

The engine must be stopped if the abrasive attachments need to be changed or adjustments

Watch out for signs that vibration may be affecting the hands. If the fingers begin to tingle or

feel numb a short break must be taken from the work. The fingers must be exercised to

To help prevent vibration affecting the hands, the machine should be operated for shorter

15. If the 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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All protective equipment must be worn including ear defenders and goggles.

The floor grinder must always be gripped correctly with two hands while working.

This will avoid compacting the loosened surface debris by not walking over it.

If the machine starts to labour, reduce the depth of cut and make two passes.

do the job faster but will wear out the abrasive attachments much quicker.

periods. Hands should be kept warm - gloves can be worn to help do this.

moving to the work area and positioning the floor grinder.

10. Periodically check, and tighten the wedges as necessary.

Stop the engine if leaving the machine unattended.

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turned off.

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To stop the engine, the throttle lever should be be closed, and the fuel tap should be

so the engine is idling. As the engine warms up the choke lever should be opened.

If the engine has started adjust the throttle

The cord should be guided back into place

engaged with the engine, it should then be pulled quickly and strongly. It should not

The starter cord should be pulled slowly until it is apparent that the starter has

The drive unit should be held firmly so that it will not move when the starter is pulled.

The throttle control should be opened a

The fuel tap should be turned on.

If the hire company has given special instructions, follow them, it not follow the

All fuel caps should be put back on properly and the fuel moved to a safe, cool place.

Any clothes with fuel spilled on them should be changed straight away.

It any tuel is spilled on the ground, it should

tuel on people or the machine. Any fuel should be wiped off the machine.

A tunnel should be used and clean petrol when retueling. Take care not to spill any

area around it to prevent dirt falling into the

The filter cap should be cleaned and the

If possible the machine should be moved

The engine must be stopped and allowed

away from the work area.

The tuel soaked cloth should be dispose

be wiped up or covered up with soil

so that it recoils correctly.

instructions below.

*DNIGAOTS DNA DNITRATS* 

THE ENGINE

of carefully.

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to cool down.

No smoking.

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be pulled too far or it may break

grinder and clear them out of the way.

the abrasives and floor.

need to be made

encourage blood circulation.

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