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

Betore Starting Work.

### **AAHA XHOW**

- fumes from petrol, or gas cylinders. is a danger of explosion. It will ignite Do not use the compressor where there -1
- and safe and that no-one is near to you Make sure that your work area is clear .s
- Protect other people from the noise and 31 or could distract you.
- 16 partiers around your work area. danger. Warn others to keep away, put
- people to reduce the problem of noise. ground as tar as possible from other Site your compressor on firm level

## **СРЕКАТОРЗ**

- or environments may require a higher you use this compressor. Particular jobs minimum that should be worn whenever protective equipment (ppe) are the 1. The following items of personal
- (EN166 B or BS2092 grade 1) when you You must wear impact resistant goggles .s level of protection.
- levels up to 86 dB(A) wear appropriate This compressor is likely to cause noise 31 are working with this compressor.
- protection for this level as a minimum. ear muffs or plugs giving hearing
- protection) if your work with the mask (with a minimum of EN149 FFP3(s) You will need to wear an appropriate dust °t
- also need to wear appropriate personal Anybody who is working near to you will 'G compressor causes dust.
- protective equipment.

ent and Statutory Instruments

### COMPRESSOR

PSM

v:032017

1. Check all your equipment, hoses,

gauges, cables and plugs. If anything is

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**3YT TEB Iludilos** The Crescent Birmingham Business Park

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



from working.

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effort has been made by HAE/EHA to ensure that the inform

1412 Safety Guidance

It is important to read all of this leaflet

**BEFORE you use the Compressor** 

be working safely.

controlled way.

you start work.

alcohol.

a 230 volt (mains) supply.

2.

3.

4.

5.

6.

7

care.

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

Compressed air is hazardous and must be used carefully

Electricity is hazardous and must always be used with great

Never aim a jet of compressed air at anyone.

run various compressed air-powered tools.

**Electric Compressor** 

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 compressor is designed to produce and store air at its rated pressure to enable you to

The action of this compressor can cause injury or damage if not used in a careful and

If you have not used a compressor before, familiarise yourself with the equipment before

You must have at least the following items of personal protective equipment: impact

resistant googles: EN166 - B or BS2092 grade 1: dust mask - a minimum of EN149 FFP3(s)

protection; ear muffs or plugs giving protection for levels up to 86 dB(A); gloves rcd if using

This compressor must not be used by minors, or by anyone under the influence of drugs or

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

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

is accurate and not misleading. HAE/EHA cannot accept responsibility for any lt to have arisen from the use of any such document/material. Only Acts of Parliamen

PORTABLE 110/230V

even through clothing.

Check the level regularly.





people or animals. It can cause injury

Do not obstruct or prevent safety devices

Compressed air can be hazardous, do

is topped up with the recommended oil.

Indrication container on your compressor

amount of oil-mist to prevent air tools

Usually, compressed air carries a minute

will have either a normal square pin plug

designed to run directly from 230v mains

be heavier than you think. Machines

yourself when moving it about - it may

been supplied, take care not to injure

supply. If a portable transformer has

machine from a normal mains 230v

transformer it you need to power the

company will have provided a portable

industrial plug fitted are designed to run

Machines with a cylindrical yellow

matches your supply. Do not try to torce

Check that the plug on your machine

compressor - contact the hire company.

tound damaged, do not use the

off a special 100v supply.

connections or improvise them.

titted, or a blue industrial plug.

Make sure that any

The hire

7. Do not point a jet of compressed air at

perore you switch it on, you must know

pipe while the system is pressurised,

not use it in an unauthorised way or

clean clothes or work areas. You must

supplement or replace a ventilation

form of breathing equipment or to

fire. It will generate greater heat and

heating or cutting equipment that

15. Do not use the compressor to supply any

11. You must not blow it into any source of

10. Do not use compressed air in any flame

particles could be hazardous to health.

Do not use it to plow out dust and debris

penetrate the skin and cause injury.

8. Do not blast air onto skin, it can blow

trom portable tools, the airborne dust

splinter in. at high pressure, it will

blow burning tragments around.

normally uses oxygen.

16. Check on how the compressor operates

15. Do not connect or disconnect any tool or

14. Do not use at a greater pressure than

13. Compressed air must not be used to

release the pressure first.

without correct equipment.

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cable or machine get damaged.

rcd. This will help to

your machine into the

230 volt socket. Plug plugged directly in to the

(געטאאד פוא סא פרטב פרטפ)

connections are dry and safe.

230 VOLT MACHINES

conia catch life.

nacrine.

·(1991

protect you against electric shock it the

Use a residual current device ("rcd")

d. Make sure that any extension cable

it. Unroll it fully or it will overheat and

and places where vehicles might run over

or windows where it might be trapped,

avoiding inquids, sharp edges, doorways

Lay the extension cable out carefully

cable between the transformer and the

cable, not longer than 50 metres (160

suitably rated heavy duty 100v extension

instructions, you should only use a

company have not given any special

If you are using a portable transformer directly into the 230 volt socket. Do not

Read the instructions below for your machine.

sduare pin plug titted, or a blue industrial plug.

fitted. 230v machines will have either a normal

machines will have a yellow industrial plug

Your machine will only operate on one voltage: it will be 110v or 230v. 110v

the hire company. If the hire

special instructions given by

extension cable, tollow any

use any 230v extension cables.

(110 VOLT HEATERS (YELLOW PLUG)

z II you need to use an

YIAAR SAPETY

You must only use an extension

Sh.

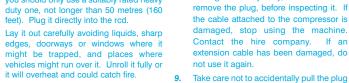
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For guidance on managing

construction health risks go to

www.hse.gov.uk/construction

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6.

7.

8.

E by P S M Plant & Tool

Ensure there are no apparent air leaks

At intervals, while working, stop and

check for air leaks or other possible

faults. Check the oil level in the container

Stop work if someone approaches you.

You must stop the compressor and

release the air pressure before you

disconnect any part of your equipment.

If you think the cable may be cut or

damaged in any way, switch off and

10. Switch off, unplug, and release the air pressure before you leave the

11. If your compressor does not work

properly, do not attempt to repair it.

121 380 4600

e.org.uk

now to stop it.

.ecommended.

system.

44 (0) 121 333 4109

www.hae.org.uk

at the same time.

from the socket.

compressor unattended.

Contact the hire company.

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

## **USING THE COMPRESSOR**

230 VOLT MACHINES

supplied with it.

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

2.

3.

(SQUARE PIN OR BLUE PLUG) (continued)

Use the "TEST" button to check that the

rcd is working each time you use it. Reset

the rcd according to the instructions

you should only use a suitably rated heavy

- 1. Wear your protective equipment,
- including ear defenders and goggles.
- 2 Check that any air lubrication container is
- topped up with the recommended oil. When you have set up the compressor, switch on and check that everything
- operates properly.

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

















































