

For guidance on managing construction health risks go to

www.hse.gov.uk/construction





CHANGING THE GAS CYLINDER

- dwheel on the cylinder valve fully clockwise to the OFF
- position.

 Wait until the flame has gone out completely. If the flame does not go out call the hire company immediately.

 With the flame out, allow the heater to run on fan only for a few minutes in order to cool down.
- Make sure that there are no naked flames nearby, and that the room is well ventilated. Switch the fan off. Unscrew the regulator connecting union using the correct spanner. This union has a left hand thread.
- Put the regulator assembly to one side, taking care not to damage the hose and union assembly.

- assembly. Take any plastic protective plug out of the valve on the new cylinder and save it for refitting to the old cylinder. Check that the valve connection on the new cylinder is the same as the one on the old cylinder, and that the threads are undamaged. If it is different, do not try to fit the new cylinder. This could be very dangerous. Refit the old cylinder, and contact the hire company.
- company.

 If the valve connections are the same, move the empty cylinder to a safe location. Position the new one to the side of the heater where it will be clear of the heat, but without straining the gas hose. Remember to take care the new cylinder will be heavier than the empty
- it to the empty cylinder any plastic protective plug kept from the new cylinder. Theck that en treaded connection on the regulator is clean and undamaged. Carefully fit he connector by hand it has a left hand thread. When the connector is threaded properly, to it up had tight, then tighten fully using the correct spanner. If you suspect that the cylinder connection is not gas tight, do not try to light the heater. Check that the valve handwheel is turned fully clockwise to the OFF position. Contact the life company immediately. If your heater does not work properly do not try to repair or adjust it. Contact the hire company.
- 15.
- you may want to tread this leaflet again, please keep it until you have finished using the

Using the Gas Heater

- 5. 6.
- Wear your protective equipment including ear defenders and goggles.

 Always grip the floor plane correctly with two hands while working.

 Make sure the drum is running at full speed and then lower it carefully onto the surface.

 Take care not to damage any finished floor surfaces by operating the cutters while moving to your work area and positioning the floor pane.

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

 While planning the surface, keep a lookout for any obstructions in your path. Stop the floor plane and clear them out of the way.

 You must stop the engine if you need to change the cutters or make any adjustments. Watch out for signs that vibration from the work may be affecting your hands. If your fingers start to tingle or feel number, take a short break from work. Exercise your fingers to encourage blood circulation.

 To help prevent vibration affecting your hands, operate the roller for shorter periods. Keep your hands warm wearing gloves may help do this.

 Stop the engine if leaving the machine unattended.

 If your equipment does not work properly do not attempt to repair it. Contact the hire company.
- 9.

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







2450 Regents Court









©Copyright Hire Association Europe April 2011 Any unauthorised reproduction - manually or electronically - is STRICTLY prohibited

supply to the flame goes out the pilot valve will a suromatically shut of the great plant of great plant of the great plant of

The das cylinders are not required, make such that the flatten as are furned on and the plant and the flatten are such that the flatten as are furned as a such that are plant and the flatten are forced as flatten as a flatten are flatten as a flatten and the flatten are flatten as a flatten are flatten are flatten as a flatten are flatten as a

NOE AS A VENTILATOR

Turn the handwheel on the gas cylinder wave clockwise to the OFF position.
Allow the heater to run on fan only for a Switch the faster to run on fan only for a Switch the fan off, and unplug.

Switch the fan off, and unplug. STOPPING THE HEATER

speed.

Turn the handwheel on the gas cylinder Varlve anti-clockwise to the OV position.

Press, and hold the pilot valve button.

Press, and hold the pilot valve button.

Press, and hold the pilot valve button.

Press, and hold the pilot valve button the pilot valve button the Thins allows the safety cut-out device to come into operation.

After about 30 seconds, when the safety cut-out device has pilot valve button.

This allows the pilot valve button.

The period of the pilot valve button.

Check that there is nothing in front of the heater that could catch fire. Do not lean beater that could catch fire. Do not lead the facility may over the heater when spinon and the heater into the appropriate electrical supply. Switch the fan on, and let it run up to speed.

ЯЗТАЗН ЗНТ ВИІТНОІТ

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

any special instructions of given by the hire company have in full fine company have instructions, you should fine the company have instructions, you should calculate the conditions of suitably raided have duty one, not longer than 50 metres (160 feet).

Lay it out carefully avoiding liquids, where it might be rock.

Lay it out carefully avoiding liquids, where it might be rock.

Lay it out carefully avoiding liquids, where it might be rock.

Lay out of the conditions are also as a suitable carefully avoiding said bases are a suitable and a

1. Use a residual current device, frod. Pudos device frod. Pudos device frod. Pudos frod.



PIN OR BLUE PLUG) 230 VOLT EQUIPMENT (SQUARE

O VOLT EQUIPMENT (SOURRE CONDINGED IN THE CONDINGED IN TH



(YELLOW PLUG) 110 VOLT HEATERS

ELECTRICAL SAFETY

1. Your heater will only operate on one voltage: it will be 140 vo 250v. 110v plug filed. 230v machines will have a yellow industrial plug filted. 230v machines will have a plug filted of selfine instructions below for your heater. Instructions below for your heater.













Keep gas cylinders upright at all times – whether in use, in storie of being moved. Propane cylinders should not be kept or storied beleiv ground level. The gas is presented in the series of the gas is the development of the gas is the series of the seri

PROPANE GAS SAFETY

2665 Safety Guidance

Andrews Gas Heater

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 this entire leaflet **BEFORE** using the Gas Heater

- Plan your work and think ahead to make sure you will always be working safely.
- Propane gas is highly flammable and must always be used with great care. Cylinders must not be stored in occupied domestic premises.
- Electricity can be hazardous and must always be used with great care.
- This heater is designed to provide a flow of heated air for general heating of farms, warehouses, factories, and other large buildings. It can also be used to circulate air as a means of cooling and ventilation.
- The heater must not be used where there is a fire risk from combustible materials or flammable liquids and gases. Make sure there is not paper or other materials, or flammable liquids and gases. Make sure there is no paper or other light, flammable materials that can be drawn towards the heater by the air flow.
- Heated air and direct radiant heat from the heater can damage nearby objects as well as presenting a fire risk. Make sure there are no objects near enough to the heater to get hot.
- This heater must not be lit, moved or adjusted, and the gas cylinder must not be changed, by minors, or by anyone under the influence of drugs or alcohol.
- This heater is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
- You will need a residual current device (rcd) for 230v heaters.











It the heater is to be left unattended in an

NAK AREA.

Do not use this heater where there is a fire flam combustible materials, or the flam combustible materials of the flam mobile fluids and gases.

You must make sure that the heater is a flam mobile fluids and gases where there is acquared in spaces where there is actually of tresh and the gas will not burn properly. Furnes from this incomplete properly. Furnes from this incomplete state wentilation are very dangerous.

Verifiation in the passe to be heated will store the amount of condensation produced by the heater.

Because of the heat and sir blast from this incomputation in the heater.

This heater is not suitable to use in occupied domestic premises or small country.

keep unused and empty cylinders away from heat at all times.

10. Handle cylinders carefully when you are moving them. Do not drop high you vehicles — get an assistant to help you lower them sately.

BEFORE USING THE HEATER



FTH HIRE GROUP

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

> 44 (0) 121 333 4109 mail@hae.org.uk www.hae.org.uk 44 (0) 121 380 4600

The Crescent Birmingham Business Park noo sinegen uch



MORK AREA

duistance.

If you infiend to leave the heater on for intend to leave the heater on the infierond as Infig output, you should infieronnect the or more 4/kg propane the cylinders to the heater. This will ensure the adequate supply of gas and prevent the adequate supply of gas and prevent with the hire company.

With the hire company.

Makes are that you understand all of the confinois. Before you light the heater, you must know how to turn it oif.

nimet.
Put the heater in the position that you infined to use it before you connect the gas cylinder. Check there are gas cylinder chested airstream. If the heater is to be left unattended in an infilm persons you will need to put barriers up to keep people at a safe barriers up to keep people as a safe distance.
If you infigured to leave the heater on for

The feasible contact the jule company.

Check that the gas regulator on your hearten matches the valve on the children.

Do not try to force connections or the material matches or other material on the connections or the connections or the connections or the material or the feasier or directly in front of it.

Do not place clothes or other material on Make sure there is no burnable material or the feasier or directly in front of it.

The are of the space to be heated in the centre of the space to be heated into positioned away from walls, facing into position or the presence to be heated. The sir blast way from walls, facing into the sir blast way from walls, facing into position or the presence to be heated. The sir blast way from walls, facing into the position of the presence of the paster is clear to wards the heater is chear to wards the base of the presence of

Check your heater, including mains cables, gas hoses and cylinders. If anything is found damaged, do not use the heater: contact the hire company. Check that the rass requisitor on your. ANDREWS GAS HEATER

grea where there may be children or infirm persons you will need to put up distriers to keep people at a safe distance.





