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0909 Safety Guidance

FTH HIRE GROUP

TURNING OFF THE GAS TORCH

- To turn off the gas torch for a short while turn off the valve on the gas torch.
- When you have finished work, turn off the gas torch completely, then close the valve on the cylinder.

CHANGING THE GAS CYLINDER

- Do not smoke while changing the cylinder.
- Turn the gas torch off and close the valve on the cylinder.
- Make sure that there are no naked flames nearby.
- Disconnect the regulator from the cylinder Remove the plastic protective plug from the
- valve on the new cylinder. Check that the valve connection on the new
- cylinder is the same as the one on the old cylinder. If it is different, refit the old cylinder, and contact the hire company.
- If the valve connections are the same fit the new cylinder.
- Position the new cylinder to the side of the gas torch where it will be clear of the heat, but without straining the gas hose. Take care - the new cylinder will be heavier than the empty one.
- If you suspect that the cylinder connection s not gas tight, do not try to light the gas torch. Check that the valve hand wheel is turned fully clockwise to the OFF position. Contact the hire company

Ensure the valve is closed on the empty cylinder; re-fit the plastic protective plug, and then move the empty cylinder to a safe

USING THE GAS TORCH

- Wear your protective equipment including facemask and goggles.
- If your equipment is likely to produce toxic fumes, you must wear your facemask; keep others away from the fumes.
- Do not point the flame at people. It will
- Do not direct the flame on to glass; it will crack. Some plastics will crack and splinter before melting.
- Extinguish the flame when you stop work and lay your equipment down, even if it is only for a short while.
- After use, the nozzle will be hot. Do not touch it or lay it down on flammable material.
- Remember material you have worked on will remain hot for some time. Make sure no-one touches it.
- Extinguish the flame before you put the equipment down in a safe place to cool before leaving it unattended.
- If your equipment does not work prope do not attempt to repair it. Contact the hire company.

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







The Crescent









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(Continued overleaf...)

a few seconds before the gas ignites you may need to hold the lighted taper for since the gas cylinder valve was opened, If the gas torch is being lit for the first time

to relight the torch. accumulated gas to disperse then attempt torch. Wait 15 or 20 seconds for the 15 seconds turn off the valve on the gas If the gas torch does not light within 10 to light each nozzle in quick succession.

has more than one nozzie, be prepared to the valve on the gas torch. If the gas torch Hold a lighted taper by the nozzle and open Oben the valve on the gas cylinder.

check that there is nothing near that could Hold the gas torch in a safe position and

gas torch is in the 'OFF' position. 7. Ensure that the gas control valve on the

LIGHTING THE GAS TORCH

torch, you must know now to turn it off. dnibment works - before you light the ga Make sure you understand how the connections are tight.

eusnie all hose Betore starting, company.

damaged, do not use it - contact the hire and regulator, it anything is found Check your equipment, including the hose

HOROT SAD

brotective equipment. also need to wear appropriate personal Anybody who is working near to you will handling heavy cylinders. You should wear safety boots when working with this equipment. tou must wear godgies when you are

creates rumes. isk when you are doing work that you will need to wear an appropriate

require a higher level of protection. should be worn whenever you use a gas torch. Particular jobs or environments may 1. The following items of personal protective equipment (PPE) are the minimum that

OPERATORS

distract you.

sarby while using the gas torch. A suitable fire extinguisher should be kept

orners to keep away. Put up a temporary Protect other people from the danger. Warn

safe and that no-one is near to you or could Make sure that your work area is clear and

a residential building that is currently

This equipment should not be used inside

equipment inside a building unless it is well heated by this gas torch, do not use this given off by certain substances when from breathing toxic tumes that may be to reduce the risk of serious or tatal injury

uncontrollable fire. is dry and brown could start an only on green growth; torching an area If you are burning weeds, use the torch

flammable liquids and gases. fire risk from combustible materials, or Do not use this equipment where there is a

WORK AREA













Gas Torch

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 all of this leaflet **BEFORE** using the Gas Torch

- Propane gas is extremely flammable. Take care not to cause a fire
- Equipment producing jets of flame can be hazardous if misused. Take care not to burn yourself or others.

 Do not use a gas torch to strip paint; it is too hot and will burn the
- wood. The bottom layers of paint could contain lead, which produces poisonous fumes when burnt. Use a hot air gun
- Pay attention to what is caught in the flame; some substances may produce toxic fumes when
- Do not try to use this gas torch to provide general space heating.
- You must have adequate ventilation to disperse the exhaust fumes from the gas torch. Keep non-essential people, especially children away from the work area. NEVER allow a child to
- use the equipment.
- Wear your protective equipment especially eye protection and face mask.
- Read and follow the safety labels attached to the equipment, they are there to warn of hazards
- Do not include in any horseplay or irresponsible behaviour while using or working near the gas torch. Do not point the jet of flame at people or animals: you may cause serious burn injuries. The flame will
- burn flammable materials, crack glass and melt plastic if it comes into contact with them.
- After use, the nozzle will be hot. Do not touch it or lay it down on flammable material.
- A suitable fire extinguisher should be kept nearby while using the gas torch. 14.
- The heavy gas cylinder used by this equipment can be awkward to move. Take care not to cause an
- This equipment must not be used by minors, or by anyone under the influence of drugs or alcohol.
- This equipment is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.













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sately. vehicles - get some help to lower them moving them. Do not drop them off

18. Handle cylinders carefully when you are s trosty cylinder as the cold can cause trost he frost. Take care when you are handling

11. Do not try to warm the cylinder to remove Contact the hire company. provide the flow of gas that you are using.

that the cylinder is not big enough to, gas cylinder that is in use. This indicates 16. In some conditions, frost may form on a

innaled propane, seek medical attention s unconscious, do not attempt rescue. Call nave emergency services. If you have 15. If propane has been inhaled, and the victim

normal burn. Seek medical advice as soon sterile dry dressing and treat as for a with tepid water for 15 minutes. Apply a 14. If the escaping gas contacts the skin a cold burn may result. Irrigate the affected area

eak, call the fire service, and evacuate the and closing the valve does not stop the 13. If the cylinder is leaking but there is no fire

Contact the hire company 15. Do not attempt to repair any suspected

are produced, there is a leak. soapy water on suspected leaks, if bubbles

ruis is aiways extremely dangerous, brush 11. Never look for a leak with a naked flame ignition. Move people away from the area.

off the gas using the cylinder valve. Put out any naked lights or other sources of

10. If you suspect that there is a gas leak, turn Do not tamper with connections or the

ргорепу пшпд spanner. tighten threaded connections using Ensure all connections are fitted correctly,

the cylinder and forming a combustible cylinders closed to prevent air getting into appear to be empty. Keep valves on empty Propane cylinders must not be used or stored inside a building, even when they

collect at the lower level if there is a leak. level. Propane is heavier than air and will suonia uoi pe kebi ol siolea peiow grouna safely, well away from your work area. They Keep only the cylinder you are using with the equipment. Store any other cylinders

Propane gas cannot be seen but it has a whether in use, in store or being moved. keep propane cylinders uprignt at all times

Do not smoke while near to gas cylinders. However, propane can also cause harm through skin or eye contact, or inhalation. An accident is most likely to involve fire.

accident occurring. emergency action in case of a serious Users of propane must be prepared for

PROPANE GAS SAFETY

cylinders; Gloves. protective equipment: Goggles,; Facemask; Wear safety boots when handling heavy You should wear the following items of personal

> EQUIPMENT PERSONAL PROTECTIVE









