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TURNING OFF THE GAS TORCH

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

CHANGING THE GAS CYLINDER

- 1. Do not smoke while changing the cylinder.
2. Turn the gas torch off and close the valve on the cylinder.
3. Make sure that there are no naked flames nearby.
4. Disconnect the regulator from the cylinder.
5. Remove the plastic protective plug from the valve on the new cylinder.
6. Check that the valve connection on the new cylinder is the same as the one on the old cylinder.
7. If the valve connections are the same fit the new cylinder.
8. 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.
9. If you suspect that the cylinder connection is not gas tight, do not try to light the gas torch.

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

USING THE GAS TORCH

- 1. Wear your protective equipment including facemask and goggles.
2. If your equipment is likely to produce toxic fumes, you must wear your facemask; keep others away from the fumes.
3. Do not point the flame at people.
4. Do not direct the flame on to glass; it will crack.
5. Extinguish the flame when you stop work and lay your equipment down.
6. After use, the nozzle will be hot.
7. Remember material you have worked on will remain hot for some time.
8. Extinguish the flame before you put the equipment down.
9. If your equipment does not work properly do not attempt to repair it.

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



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- 1. Ensure that the gas control valve on the gas torch is in the 'OFF' position.
2. Check the gas torch in a safe position and hold that there is nothing near that could catch fire.
3. Open the valve on the gas cylinder.
4. Hold a lighted taper by the nozzle and open the valve on the gas torch.
5. If the gas torch does not light within 10 to 15 seconds turn off the valve on the gas torch. Wait 15 or 20 seconds for the accumulated gas to disperse then attempt to relight the torch.
6. If the gas torch is being lit for the first time since the gas cylinder valve was opened, you may need to hold the lighted taper for a few seconds before the gas ignites.

LIGHTING THE GAS TORCH

- 1. Check your equipment, including the hose and regulator. If anything is found damaged, do not use it - contact the hire company.
2. Before starting, ensure all hose connections are tight.
3. Make sure you understand how the equipment works - before you light the gas torch, you must know how to turn it off.

GAS TORCH

- 1. You will need to wear an appropriate facemask when you are doing work that creates fumes.
2. You must wear goggles when you are working with this equipment.
3. You should wear safety boots when handling heavy cylinders.
4. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

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

OPERATORS

- 1. Do not use this equipment where there is a fire risk from combustible materials, or flammable liquids and gases.
2. If you are burning weeds, use the torch only on green growth, torching an area that is dry and brown could start an uncontrollable fire.
3. To reduce the risk of serious or fatal injury from breathing toxic fumes that may be given off by certain substances when heated by this gas torch, do not use this equipment inside a building unless it is well ventilated.
4. This equipment should not be used inside a residential building that is currently occupied.
5. Make sure that your work area is clear and safe and that no-one is near to you or could distract you.
6. Protect other people from the danger. Warn others to keep away. Put up a temporary barrier.
7. A suitable fire extinguisher should be kept nearby while using the gas torch.

WORK AREA

- 1. Users of propane must be prepared for emergency action in case of a serious accident occurring.
2. An accident is most likely to involve fire. However, propane can also cause harm through skin or eye contact, or inhalation.
3. Do not smoke while near to gas cylinders.
4. Keep propane cylinders upright at all times - whether in use, in store or being moved.
5. Propane gas cannot be seen but it has a strong smell.
6. Keep the cylinder you are using with the equipment. Store any other cylinders safely well away from your work area. They should not be kept or stored below ground level. Propane is heavier than air and will collect at the lower level if there is a leak.
7. Propane cylinders must not be used or stored inside a building, even when they appear to be empty. Keep valves on empty cylinders closed to prevent air getting into the cylinder and forming a combustible mixture.
8. Ensure all connections are fitted correctly. Tighten threaded connections using a properly fitting spanner.
9. Do not tamper with connections or the regulator.
10. If you suspect that there is a gas leak, turn off the gas using the cylinder valve. Put out any naked lights or other sources of ignition. Move people away from the area.
11. Never look for a leak with a naked flame - this is always extremely dangerous. Brush vehicles - get some help to lower them safely.

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

- 1. Propane gas is extremely flammable. Take care not to cause a fire or explosion.
2. Equipment producing jets of flame can be hazardous if misused. Take care not to burn yourself or others.
3. Do not use a gas torch to strip paint; it is too hot and will burn the wood.
4. Pay attention to what is caught in the flame; some substances may produce toxic fumes when burnt.
5. Do not try to use this gas torch to provide general space heating.
6. You must have adequate ventilation to disperse the exhaust fumes from the gas torch.
7. Keep non-essential people, especially children away from the work area. NEVER allow a child to use the equipment.
8. Wear your protective equipment especially eye protection and face mask.
9. Read and follow the safety labels attached to the equipment, they are there to warn of hazards.
10. Do not indulge in any horseplay or irresponsible behaviour while using or working near the gas torch.
11. Do not point the jet of flame at people or animals; you may cause serious burn injuries.
12. After use, the nozzle will be hot. Do not touch it or lay it down on flammable material.
13. 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.
15. This equipment must not be used by minors, or by anyone under the influence of drugs or alcohol.
16. This equipment is designed for operation by an able bodied adult.



PERSONAL PROTECTIVE EQUIPMENT

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

PROPANE GAS SAFETY

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