







# **CHANGING THE PROPANE**

### **CYLINDER**

- Change cylinders in the open air if possible. Turn the gas off by turning the handwheel on the cylinder valve fully clockwise to the OFF position.2. Wait until the flame has gone completely. If the flame does not go out call the hire company immediately. 1.
- Make sure that there are no naked flames nearby, and that the room is well ventilated if you cannot do it outside.
- 4. Unscrew the regulator connecting union using the correct spanner. This union has a left hand thread.
- Put the regulator assemble to one side, taking care not to damage the hose and union assembly. 5. 6. Take any plastic protective plug out of the valve on the new cylinder and save it for refitting to the old cyling

# Using the Bullfinch Standard Torches

- Wear your protective equipment including facemask and goggles. 1.
- If your work is likely to produce toxic fumes, you must wear your facemask, keep others away from the fumes. 2
- 3. Do not point the flame at people. It will cause burns.
- 4 Do not direct the flame onto glass it will crack. Some plastics will crack and splinter before melting.
- Remember material you have worked on will remain hot for some time. Make sure no-one 5 touches it.
- 6. After use, the nozzle will be hot. Do not touch it or lay it down on flammable material.
- Extinguish the flame before you put the equipment down in a safe place to cool before 7. , a it unattended.
- At the end of each day's work or when the job is finished, extinguish the gas torch by turning off the valve at the cylinder while the torch is still lit. This will allow the residual gas in the hose and fittings to burn away safely. When the flame extinguishes remember to close all valves on the equipment. 8.
- Always disconnect the regulator and hose from the gas cylinder to reduce the possibility 9. of an accident or misuse.
- 10. If your equipment does not work properly do not attempt to repair it. Contact the hire

## Keep this leaflet safe as it may be required for reference at a future date





ully clockwise to the OFF position.

is not gas tight do not try to light the torch Check that the valve handwheel is turned

inreaded properly, do it up hand tight then

regulator is clean and undamaged. Carefully fit the connector by hand – it has a left hand thread. When the connector is

Fit to the empty cylinder any plastic protective plug kept from the new cylinder.

without straining the gas hose. Remember to take care – the new cylinder will be heavier than the empty one.

If the valve connections are the same, move the ampty ovilinder to a safe location. Position the new one to the rade of the neater where it will be clear of the neat but

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 dangerous.

to sdjust short set the size of the pilot stated to sdjust set the size of the pilot stated intervitienting as the pilot set of spoly the doi of the size

can be rotated around the handle and use

The Mk 2 handle has a cam ring and a trigger at the top of the handle instead of a needle valve at the bottom. The cam ring

a head support and 5 Me and a sheed a sheed a sheed if the hard of the hard of the hard of the hard of the sheed at the sh

There are three straight extension tubes, a 300mm (12 inches), a 600mm (24 inches) a 1000mm (40 inches). There is also an angled extension tube.

Mk 2, is used for specialist applications There are three handles, one of which, the

until re-adjusted by the operator.

Check that the valve connection on the ne

contact the hire company.

name to the Job.

10. Check that the threaded connection on the

Contact the hire company immediately.

11. If you suspect that the cylinder connection

tighten fully using the correct spann

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- There are over twelve types and sizes of burner ranging from a small burner not emisting an extremely fine filter the producting an extremely filter definited

for when you need a longer torch as tor

# delicate work, to a large burner used for roofing or burning weeds. The extension bubs af the burner and the handle

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# The range of Bullfinch forches is a combination of different handles and burners, and if you need them, extension tubes. They are all interchangeable resulting in a large assortment of gas forches. - 11

# **WHICH 1APE?**

- Make sure you understand how the equipment works before you use it you must know how to stop it.
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- For a consumption of propare gas is greater ingreating the minimum size of cylinder you burning weeds or working on roots, than when using a small burner. A small propare cylinder cannor supply the volume propare cylinder cannor supply the volume of gas and would not last very long with a propare cylinder cannor supply the volume of gas and would not last very long with a propare cylinder cannor supply when using a small burner. A small burner cylinder cannor supply the supply of the sup
- ·•
- Be careful where you direct the jet of flame It will burn people or animals. It will crack glass and melt plastic. 3
- Do not use this equipment to strip paint is too hot are the ad paint. The flame is too hot and will burn the wood. If you burn lead paint you will produce toxic fumes. Use a not air you to strip paint.
- **.**2 Check your equipment and accessories including the propane regulator and gas hose. It anything is found damaged, do not use it – contact the hire company.
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Before Starting Work.



# It is important to read all of this leaflet

**Bullfinch Standard Torches** 

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.

# **BEFORE you use the Bullfinch Standard Torch**

- Plan your work and think ahead to make sure you will always 1. be working safely.
- Propane gas is highly flammable. Take care not to cause a fire or explosion.
- Bullfinch torches are deigned to produce a very hot, 3. controllable flame which can be used in a variety of jobs in

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Vaually the regulator supplied with your equipment will be pre-set and therefore freese gas forches require that a variable regulator is used. Your hire company will advise you.

Use a properly fitting spanner to tighten and loosen the connections on propane cylinders, hand tight is not stifficient.

Whenever possible propane cylinders should be changed in the open air.

Propane cylinders used with th squipment must always be stored at used in the upright position.

Propane is heavier than air; therefore any leak will find its way to the lowest level and remain there unless there is good

Propane fittings or regulators are not interchangeable with any other equilators are not performed in occupied domestic premises.

Some jobs that can be done with this sequipment only require that the operator uses common sense. Other jobs require a degree of skill and experience. Do not attempt to do fasks beyond your capability.

Anybody who is working nesr to you will also need to wear appropriate personal protective equipment.

You must wear goggles (EN166 or BS2092) when you are working with this equipment.

acemask (with a minimum of EN 149 fp2(s) protection) when you are doing work that creates tumes.

the opposite way to normal threads. The valves and couplings on propane cylinders all have left hand threads -remember that you will need to turn these

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- jewelry, to soldering and silver soldering, to burning weeds. Each job will require the correct attachments
- The action of these torches can cause injury or damage if the equipment is not used in a careful and controlled way.
- If you have not used a gas torch before, familiarise yourself with the equipment on some 5 straightforward work before you start on the main task.
- You must have at least the following items of personal protective equipment: Goggles: EN166 or BS2092; Face mask - a minimum of EN 149 ffp2(s); Protection; gloves.

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

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

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**YONADAANA** 

The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this type of equipment. Particutar jobs or environments may require a higher level of protection.

Protect other people from the danger. Warn others to keep away.

Make sure that the area is clear and safe a that no-one is near to you or could distra

Do not use this equipment where there is a droper of use this equipment, where the argost or the will perform the many service of the maximum of the maximum

If propane has been inhaled, and the victim is unconscious, do not attempt rescue. Call the emergency services. If you have inhaled propane, seek medical attention immediately

If there is an accident involving skin or eye contact a "cold burn" may result. Imigate the affected area with tepid water for 15 minutes. Apply a sterile dry dressing and reat as for a normal burn. Seek medical advice as soon as possible.

If there is a fire, evacuate the area immediately. Call the fire brigade. Take great care – propare cylinders may explode violently in a fire.

Eccledin for continued in work of the involve fire. An accident is most likely to involve fire. However, propane can also cause harm through skin or eye contact in halation. The brigacied, close the valve fit is saie to do so. If this does not stop the leak, call the raked fitmes. Evacuate the area, including other floors in the building. Ventilate the read fit as sale to do so.

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

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

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