

# ROOFERS PROPANE TORCH

## SAFETY MANUAL



1 - 60mm Burner    2 - Gas Regulator    3 - Handle    4 - Gas Inlet    5 - Burner control lever



### SPECIFICATION

**Connector:** G3/8"-19 LH  
**Burner size:** 60mm diameter  
**Reach:** 600mm  
**Fuel:** Propane  
**Working pressure:** 4-12 bar  
**Max flame temperature:** 1850°C  
**Valve:** 3 way  
**Nominal gas flow rate:** 8200g/hr  
**Dimensions (L x W x H):**  
600 x 60 x 70mm  
**Weight:** 800g

### INTENDED USE

Propane gas torch, designed for roofing applications, road line burning and weed killing. **Note:** This safety sheet gives basic advice on safety and operating the torch. Training is essential when operating the torch for specific tasks such as torch down roofing.

### UNPACKING YOUR TOOL

- Carefully unpack and inspect your tool. Fully familiarise yourself with all its features and functions.
- Ensure that all parts of the tool are present and in good condition. If any parts are missing or damaged, have such parts replaced before attempting to use this tool.

### CYLINDERS SAFETY

- Check that seals between the appliance and the gas cylinder are in place and in good condition before connecting to the gas cylinder.
- Always connect and change gas cylinders outside, or in a well ventilated location, away from other people and from sources of ignition such as naked flames, pilots and electric fires.
- Cylinders must be sited away from any heat source, in a well-ventilated place and must stand in a stable upright position.
- Do not put a cylinder in a sewer, culvert or work hole.
- Always, before connecting a regulator to a cylinder, ensure that the mating parts are clean, free from dirt and undamaged.
- The connecting nut of the regulator must be spanner tightened to the cylinder valve **Note:** The thread is left-handed.
- Ensure any gas cylinders used comply with local regulations.

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## SAFETY IN USE

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### Safety in Use

**WARNING:** This appliance is not intended for use by persons with reduced, physical or mental capabilities or lack of experience or knowledge of operating it. It must not be operated by children. **CAUTION:** Accessible parts may be very hot. Keep young children away from the appliance!

- Keep children and bystanders away while operating this tool.
- Do not allow persons unfamiliar with this tool or these instructions to operate this tool.
- Do not point the torch at yourself or others.
- Do not use the torch near flammable material, liquids, solids, or gases, and materials that may be accidentally ignited i.e. wood, cloth, plastic etc.
- Keep a 5 metre distance away from adjacent surfaces when in use.
- Do not point the torch at the gas cylinder or hoses, and DO NOT use the torch to remove any ice that may form on the gas cylinder.
- Do not heat items that contain any materials that may become hazardous when heated.
- Do not operate the torch when you are tired or under the influence of alcohol, drugs or medication.
- Do not touch the torch or the workpiece until all parts have completely cooled after use.
- Always use personal protective equipment including eye protection and gloves.

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## LEAKS

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**WARNING:** Leaks are usually presented through smell. If a leak is detected, take it outside immediately into a well-ventilated flame-free location where the leak may be detected and stopped. If you wish to check for leaks on your appliance, do it outside. Do not try to detect leaks using a flame, use soapy water.

- After connecting appliances/regulators, etc., ensure there is no gas leakage prior to use. Propane has a distinctive smell and leaks can usually be detected immediately.
- If a leak is suspected, extinguish all naked flames and close the cylinder valve.
- If the seals of this torch are damaged or perished on inspection do not attempt to use the tool.
- Equipment must not be used until any leak is eliminated.

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## OPERATING INSTRUCTIONS

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### Lighting the Torch

**WARNING: DO NOT** hold the Burner Control Lever (5) when lighting the torch. The Burner Control Lever increases the flow of gas, flame size and intensity. Always use the procedure below when lighting the torch.

**WARNING:** Do not ignite the torch with an open flame.

1. Turn on gas at the cylinder and check there are no leaks.
2. Rotate the Gas Regulator (2) approximately a quarter turn anticlockwise to open the flow of gas.
3. Light the gas, using a professional gas sparker, in front of the Burner.
4. Once the torch pilot light has ignited, extinguish and remove the sparker.

### Using the Torch

1. Adjust the burner flame with the Gas Regulator (2).
2. Use the Burner Control Lever (5) to further increase the flow of gas, flame size and intensity.
3. After use set the Gas Regulator (2) to the minimum level
4. Turn off the gas at the cylinder.

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## GAS TORCH SAFETY

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### IMPORTANT:

Read these instructions for use carefully so as to familiarise yourself with the appliance before connecting it to its gas container. Keep these instructions for future reference.

- Use only in well ventilated areas. Confined spaces, such as basements and underground areas are dangerous and will cause accumulation of unburned gas.
- When using on roofs and elevated heights it is important to ensure the operator and equipment are secure and cannot fall.
- Turn off gas supply when unattended.
- Beware of hot surfaces. Hold the torch by the handle only.
- Do not modify the appliance in anyway or increase the size of the torch nozzle.
- Do not wear loose fitting clothing. The use of safety gloves is recommended.
- If you are in any doubt as to safe use of this tool, do not use it.
- Do not use the appliance if it has damaged or worn seals.
- Do not use an appliance which is leaking, damaged or which does not operate.

### Regulators

- This tool must be used with a suitable propane regulator; these are usually coloured red.
- Check that the regulator outlet pressure does not exceed the pressure rating of this torch.
- Check that the regulator has a large enough maximum flow for the appliance.

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## HOSE

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### Maintenance

**WARNING:** Before carrying out any service or maintenance procedures, turn all gas taps OFF and disconnect the torch from the gas supply. Allow time to cool.

### Cleaning

**WARNING:** Do not clean the Burner (1) with a thin steel wire as this may enlarge the hole making it unsafe to use and invalidate your warranty.

- To clean, remove the Burner from the torch and blow compressed air through the body and Burner.
- Inspect the torch and accessories regularly to make sure the parts are not worn or damaged.

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