

GENERAL SAFETY RULES

1. Do not use the torch until you have understood all the operation instructions and cautions, and familiarized yourself with the torch before using it. Review instructions and caution periodically to maintain awareness. Deviating from these procedures may result in fire, explosion, property damage and/or operator injury. Do not try to operate before reading instructions.
2. Using any fuel other than MAPP™ GAS or Propane with this torch may cause a fire or explosion.
3. Wait for the torch to cool down before tightening or removing torch head and before installing or removing accessories.
4. Do not point torch toward face, other people or flammable objects. Never attempt to use torch as a cigarette lighter.
5. Disconnect gas cylinder when not in use. Never store with torch attached to the gas cylinder.
6. Do not attach or detach the torch from the cylinder at where accidentally released gas might be ignited by open flames.
7. Never attempt to modify the torch construction and never use unapproved fuel.
8. Treat the torch as you would for any fine tool or instrument. Do not drop or otherwise abuse.
9. Do not use a leaking, damaged or malfunctioning torch. DO NOT use the torch until you have corrected the problem. Torches improperly operated, maintained or repaired can be dangerous. Improper use, service repair or modification of the torch could result in damage to the product, property damage or personal injury to the operator.
10. Work only in well ventilated areas.
11. Always place your work on firebrick. Ordinary brick and concrete can explode when subjected to a high temperature. Do not work on wood or metal surfaces. Always shield your work.
12. Always wear protective glasses and gloves. Use proper tools to handle hot work.
13. Be aware that the tip of the torch can get extremely hot during use. Take precautions to protect yourself and others from accidental burns. Never use the torch on or near combustibles. Be especially careful around motor vehicles or any petrol-powered products and beware of hidden fuel lines and tanks.
14. Always make certain the torch is placed on a level surface when connected to the gas cylinder to reduce the risk of accidentally tip over. Be sure the torch is not pointing in a direction which could cause nearby objects to be burned when torch is set down.
15. When thawing pipes, be very careful not to overheat surrounding materials.
16. Always have a fire extinguisher and a bucket of water near the torch and work area. Do not place them in the flame path or a location where you could not reach them should a fire break out.

DANGER EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE.

Keep out of reach of children. Keep away from heat or flame. It is illegal and dangerous to refill the cylinder. Obtain new gas cylinder from your dealer. Avoid prolonged exposure to sunlight. Do not store near heat or in a room used for habitation. Always close torch valve and wait at least 30 seconds before removing torch from gas cylinder. Always detach gas cylinder from torch when not in use. Do not breathe gas, fumes, vapor or spray. If inhaled remove affected person to fresh air. Avoid contact with skin and eyes. For skin contact, flush with large amounts of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When gas cylinder is empty, discard in a safe place. Do not throw in fire. Do not puncture or incinerate container.

Torch Operation Manual

Please read carefully prior to use.

Cautions

1. The torch is for use with MAPP™ or PROPANE gas;
2. The torch is for use with 14 OZ or 16 OZ cylinder, with the connection of CGA600
3. Keep cylinders upright when in use;
4. The output of gas will be reduced until the torch is closed when the adjusting screw of regulator is turned clockwise (moving upward); and the output of gas will be increased until it reaches maximum when the adjusting screw is turned counter clockwise (moving downward);
5. The torch and cylinders must NOT be used in a closed space.
6. Low flame setting will result in overheating.

Operation procedure

Connecting the torch

1. Confirm first the torch is suitable for use with the gas and pressure;
2. The thread of the torch that is used to connect the cylinder meets CGA600;
3. Use hand to connect the torch to the cylinder properly by screwing it on the cylinder;
4. Make sure there is no leakage of the connection between the torch and the cylinder and no leakage of the torch by using proper leakage testing way mentioned below

After the gas cylinder is attached to the torch, check all connections for leaks with soapy water. Check all joints and couplings periodically to ensure against loose connections. If a leak is detected, replace the cylinder and check for leaks again. If leaking still occurs, the torch must not be used.

Igniting the torch

5. Turn the adjusting screw counter clockwise, at the same time, push the igniting trigger until the torch is ignited;
6. Adjust the adjusting screw until the flame meets your requirement

Turning off the torch

7. Turn the adjusting screw clockwise until the flames goes off and the torch is fully turned off.

After Use

8. After usage, turn OFF the torch; turn the adjusting screw to the close position; disconnect the torch from the cylinder; and put the cylinder at a place in open air where children could not reach.
9. For more information on the use of cylinders; please refer to cylinder manual.