

FLAMETECH INSTRUCTIONS

1 Torch Assembly

- 1) Check the regulator and cylinder connections and threads are free from dirt.
- 2) Attach the regulator to the cylinder (ensure it is in the off position), hand tighten securely then attach the hose to the regulator.
- 3) Attach the handle to the hose using suitable spanners, one on the handle end and the other on the regulator fitting. Please note these are left handed threads.
- 4) With the handle valve closed and the regulator adjusted at midpoint between max and min, open the cylinder and check for leaks at: a) The regulator, cylinder connection. b) The hose/regulator connection and finally the handle/ hose connection. The use of soapy water will reveal any leaks at these connections.

2 Lighting the Torch

- 1) Push down the outer ring of the quick coupler on the torch handle and insert the desired tip depending on size of application.
- 2) Open the gas cylinder and the regulator
- 3) Open the valve wheel at the back of the handle to release the gas. When hearing a slight "hissing" sound either use the spark lighter to ignite the flame or push the self ignite button to ignite the flame.
- 4) To turn off the torch, rotate the valve wheel clockwise until hand tight. Adjust the regulator to the full off position
- 5) The wheeled stem valve is not intended to provide a throttled flame, only micro-adjustment of flame.



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3 LPG Gases

- 1) For Propane and Map etc. The pressure may need to be raised or lowered depending on the fuel.
- 2) Turn the regulator knob to increase the pressure.
- 3) DO NOT set the pressure higher than indicated by the flame shape instructions; this will only waste fuel and produce a less intense, less efficient flame.
- 4) Close the cylinder valve when not in use, or is to be transported. With cylinder valve closed, open handle valve to vent the hose.
- 5) If flame is too hot for application, do not attempt to throttle down. Tip will overheat causing permanent damage to the tip.. Change tip size to attain larger or smaller flame.
- 6) Torch may not ignite in the full open position due to the very high performance of the torch. It is best to ignite the torch with small flame and gradually increase to desired setting.

4 Orifice Cleaning

- 1) Make sure the regulator is switched off. Remove the tip. Leave the cylinder attached to the regulator.
- 2) Remove the gasket(s) using a pick or small bent wire. Remove the orifice from the tip using 1/8 (0.3cm) hex wrench.
- 3) Screw the orifice into the end of the swivel stem of the regulator.
- 4) Turn on the gas in short bursts away from flames, sparks or smoking materials. The pressure will blow the orifice clean.
- 5) Recheck for leaks before lighting the air/fuel torch.

