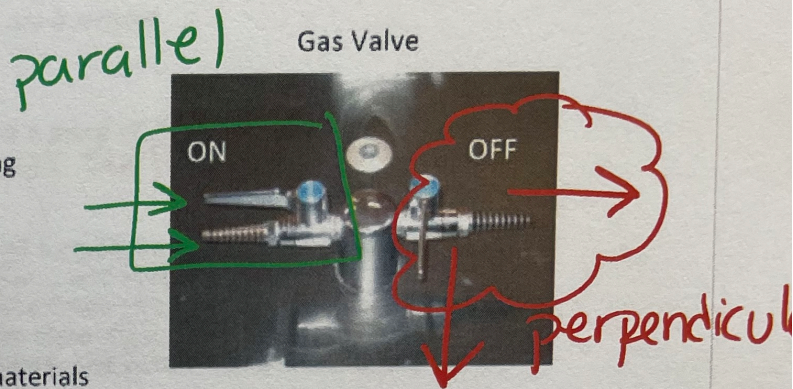


Materials:

- | | |
|---|--|
| <ul style="list-style-type: none">• bunsen burner• striker• rubber tubing | <ul style="list-style-type: none">• safety goggles• lab aprons• heat-proof mat |
|---|--|

Safety:

- tie long hair back
- Roll up sleeves and remove loose clothing
- Put on safety goggles/glasses
- Wear a lab apron
- Check hose for cracks or damage
- Clear the bench of any f flammable materials
- Check that the gas valve (*handle*) is in the OFF position (perpendicular to the gas tap)
- Turn the collar of the Bunsen burner so the air hole is closed.



Procedure:

1. Connect hose securely to gas supply tap and Bunsen Burner
2. Make sure the air hole is closed
3. Close the gas flow adjustment valve at the bottom of the burner, and then open it 1 full turn.
4. With the striker in one hand, turn the gas valve-handle **parallel** to the gas tap & hose with your other hand.
5. **IMMEDIATELY** hold the striker over the top of the barrel and light the Bunsen Burner by creating a spark.
NOTE: when you first light your Bunsen Burner, it will be on the "safety" or yellow flame.
6. Place one hand on the base to hold the burner steady, and using your other hand, turn the collar so the air hole is **open**.
NOTE: you have now turned the Bunsen Burner to the "heating" or blue flame
7. Use the adjustment valve to change the flame height.
8. When finished, turn the collar so the Bunsen burner is again on the safety flame, and turn the gas valve-handle to the **OFF position** to stop the flow of gas.