

Laboratory Safety

Things You Need to
Know



#1: Bring only the instructions and a notebook to the lab bench

- In chemistry, you need the room especially when you are working with the Bunsen burner.
- Make sure you understand what the instructions are before you go to perform the lab

#2: Always heed safety symbols & cautions

- Safety symbols will be posted and should be noted.
- Many chemicals we will be working with can be hazardous to your health if handled improperly.
 - Follow the cautions!!!

#3: Fire Safety

- If your clothing catches on fire
 - a. **WALK** to the safety shower
 - b. stand under the showerhead
 - c. Turn on the water by pulling on the handle

Watch out for the drain pipe!!!

#4: Accidents

- **IMMEDIATELY** report all accidents to the teacher
- Report all spills to the teacher right away. He will tell you exactly how to clean up the spill.

#5: Behavior

- **Stay alert while in lab, there are people working all around you.**
- **Horseplay in the lab is very dangerous and will be considered a serious violation!**
- **Food or beverages are NEVER allowed**

#6: Behavior (cont.)

- **NEVER** taste or sniff chemicals.
- Do not touch the chemicals or allow them to the your bare skin.
- Use extreme **CAUTION** when working with any fire or heating element.

#7: Cleanliness

- Keep your work areas and apparatus clean and neat.
 - Make sure you clean glassware before use
- Always thoroughly wash your hand with soap and water at the end of lab.

Lab Equipment

Chemical Apparatus
Worksheet



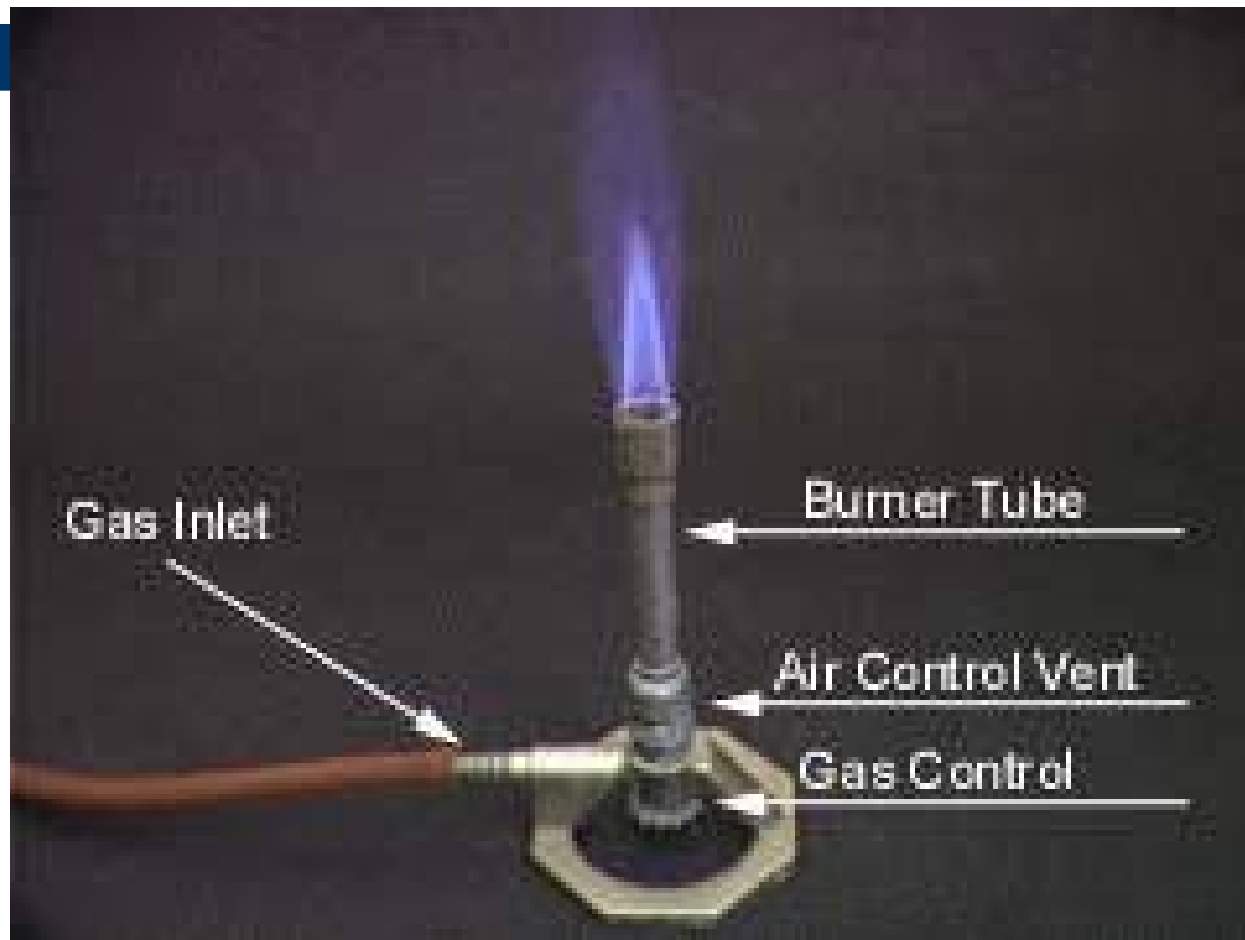
Glassware

- Beakers
- Graduated cylinder
- Funnel
- Erlenmeyer flask
- Test Tubes
- Watch glass

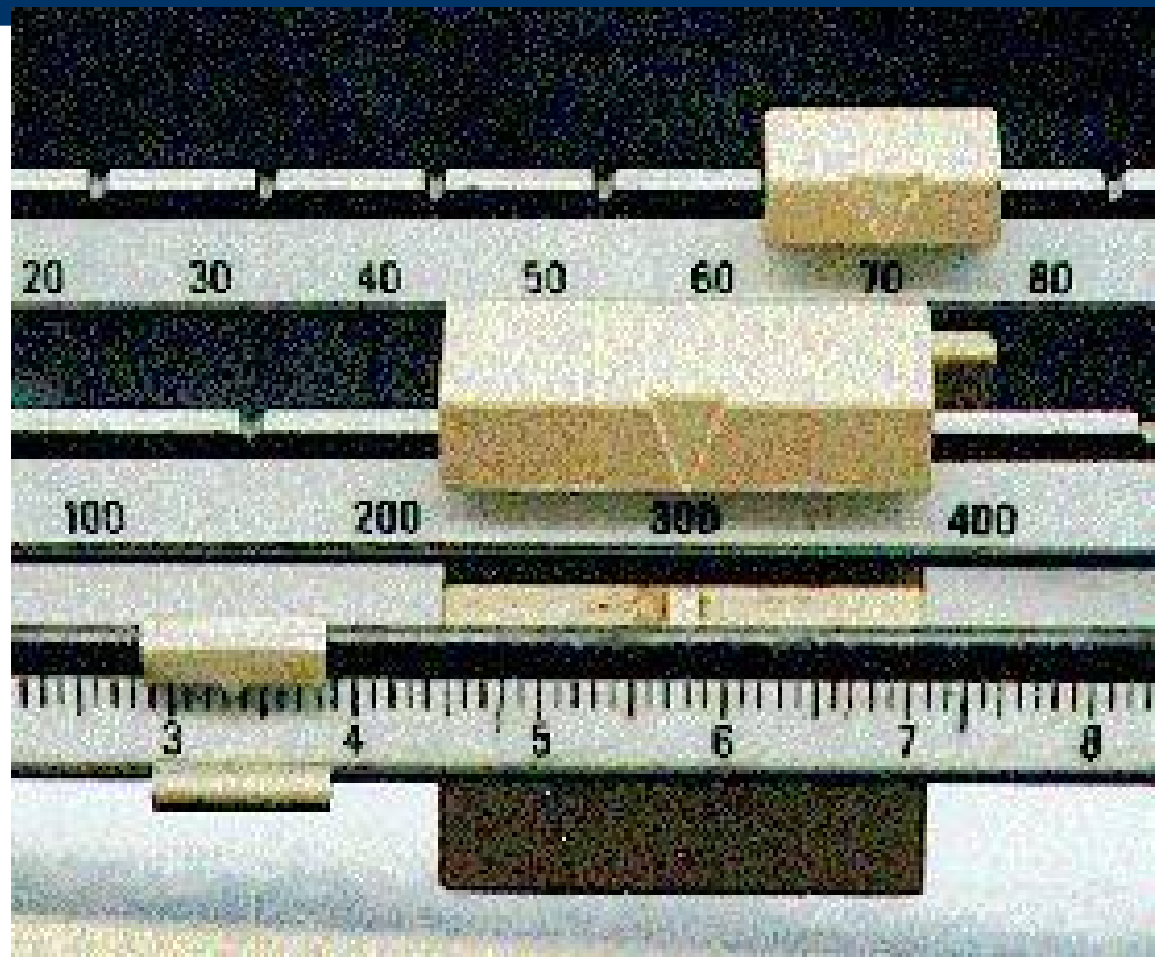
Other Apparatus

- Bunsen burner
- Ceramic-centered wire gauze
- Crucible and cover
- Spatula
- Evaporating dish
- Triple beam balance

Bunsen Burner



Triple Beam balance



Measuring volumes

