

GENERAL CHEMISTRY

STANDARD 1.1

1.1: Identify proper safety procedures in the laboratory

RULES OF THE LABORATORY

- It is always important to be dressed properly for the laboratory
 - No open-toed shoes
 - Long hair tied back
 - No loose-fitting/baggy clothing
 - Proper eye protection – goggles ON anytime chemicals are being used
 - Personal eyeglasses provide little/no protection
- ALL chemicals are to be considered dangerous!
 - Do not eat or drink at all in the laboratory at any time
 - Dispose of all chemicals according to your instructor's directions
 - Always wash your hands after working with any chemicals
 - NEVER put unused chemicals back into their original container
 - This would risk contamination and unexpected reactions

RULES OF THE LABORATORY

- Accidents in the Laboratory
 - If a fire erupts, notify your instructor immediately
 - If a chemical is spilled, notify your instructor immediately
 - If you are injured in the laboratory, notify your instructor immediately

- Be careful when working with glassware
 - Hot glass looks the same as cold glass
 - Be sure to examine glassware prior to use for cracks and chips
 - If any cracks/chips are found, notify instructor and do not use
 - Hot glassware should be handled with tongs
 - Dirty glassware should be cleaned prior to use
 - Liquids should be drawn into pipets using bulbs or pumps

RULES OF THE LABORATORY

- Work in the Laboratory
 - Do not start work until approved by the instructor
 - Any questions on laboratory directions should be directed at the instructor
 - Be sure to talk to the instructor right away if the experiment is not completed
 - If a piece of equipment does not work, notify the instructor immediately
 - Be sure to keep the laboratory area neat and tidy at all times
 - Never remove chemicals or equipment from the laboratory