



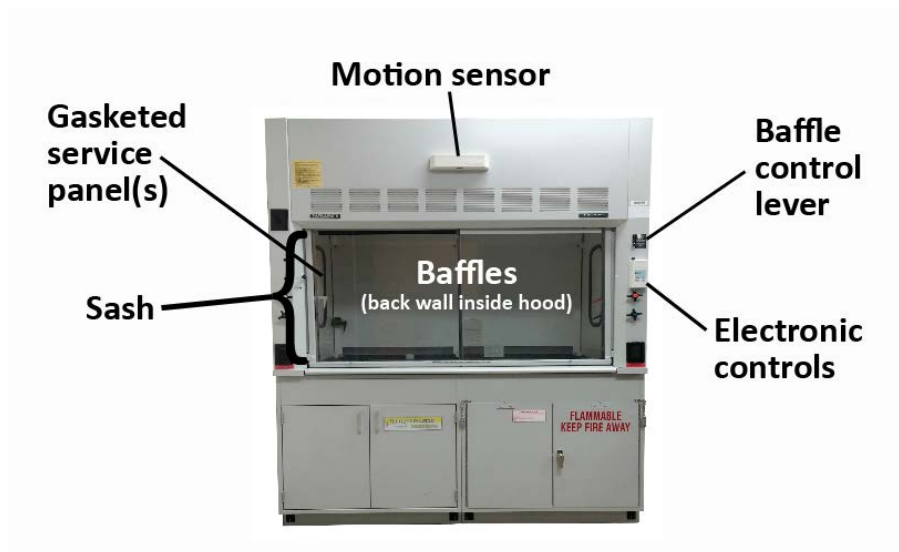
Safety Gram

October 2019

Chemical Fume Hood

Chemical fume hoods are one of our most valuable pieces of engineered safety protection equipment that we have in our labs. These hoods are designed to keep the hazards from splashes and fumes away from the user. Unfortunately, improper use of a fume hood essentially can counteract these protective measures.

It is important to understand how the fume hood works, as you work in it. To start with here are some of the key parts of a fume hood.



Note if your fume hood is not operating normally...don't ignore it, turn it in to the Chemistry/Biochemistry Department Secretary at 2-3667

Motion Sensor

This will sense an individual approach the fume hood, and as that happens, it will ramp up the velocity of the air flow.

Sash

This can be helpful to block splashes and gases when properly positioned

Electronic Controls

Alert us to the status of the fume hood. Is it operating properly, and can increase the air flow during an emergency.

Baffles

This is where the air flows from the room into the hood, it is best not to block these.

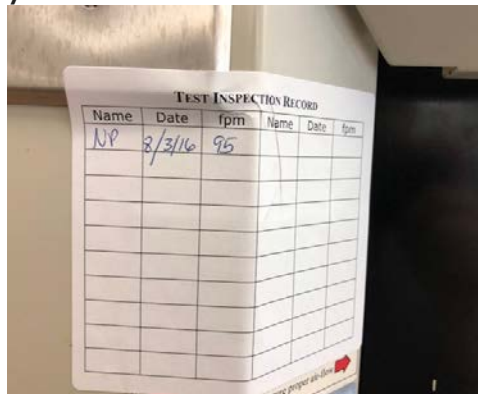


Top Nine Reminders

Lower Sash as Low as possible while working inside it



Make sure that your hood has been inspected within the last year



Make sure the hood is in Standard Operation



Do not raise the sash past the red arrow marker when working



Insure that the baffle control lever is at the normal position before starting work in the hood



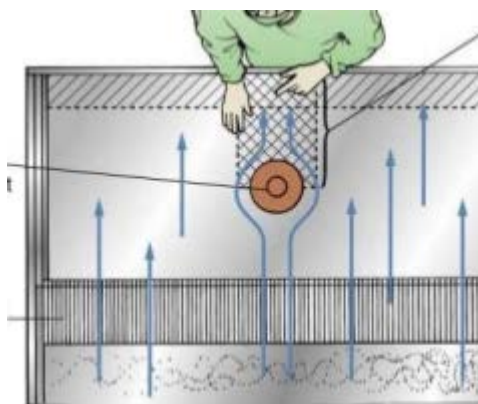
Keep hoods clean, don't store chemicals in them, and clean spills



Use lab jacks and other equipment to alternate heights of items



Work at least 6 in. inside of the hood, for proper air flow



Keep sash down and windows closed when not in use

