

Fume Hoods

- Designed to contain >99% of vapors when used properly
- Proper use
 1. Keep sash to certified level
 2. Check frequently to ensure flow is adequate (80-150 face velocity)
 3. Work > 4 inches from edge of hood, avoid placing anything on the edge, equipment should be further back (esp. hot plates)
 4. Do not store chemicals in the hood, nor use the hood as a waste receptacle
 5. Elevate equipment (e.g. stir plates) at least 2 inches to ensure proper air flow
 6. Do not crowd either
 7. Close sash and turn off light when not in use!
- Limitations
 1. Does not protect against particulates
 2. Does not protect against explosions
 3. Should not use highly dangerous, volatile substances, use glovebox instead
 4. Cannot contain gasses escaping from pressurized systems
 5. Do not use for work involving perchloric acid (>73 % concentration, or with heating)
- Report improperly / poorly functioning fume hoods to facilities via work request (intranet)