

Safety Manual > Safety Rules for the Laboratory

C. Safety Rules for The Laboratory

1. Chemical Hygiene Plan

See appendix.

2. Laboratory Ventilation

Toxic, pathogenic, radioactive, or unknown properties shall be controlled so that workers/students in the laboratory do not absorb, ingest, or inhale the contaminants. They shall be contained within, captured by hoods or enclosures, or dispersed through spot ventilation.

a. Laboratory Hoods

A laboratory fume hood is a ventilated enclosed work space consisting of side, back, and top enclosure panels, a work surface or deck, a work opening called the face, and an exhaust plenum equipped with horizontal adjustable slots for the regulation of air flow distribution.

b. Hood Face Velocity

LSU University Safety Manual
Section V, Part C – Safety Rules for the Laboratory

* Hoods near doors are acceptable if 1) there is a second safe egress from the room;
2) traffic past the hood is low; and 3) door is normally closed.

c.

LSU University Safety Manual
Section V, Part C – Safety Rules for the Laboratory

exhaust system, or other appropriate indicators to ensure that exhaust flow is appropriate.

- xiv. If hood sash is supposed to be partially closed for the operation, the hood should be so labeled and the appropriate closure point clearly indicated.
- d.

