

Lab Specific Training (Center for Materials Innovation)

EH&S provides the CHP, however, OSHA requires every laboratory to complete a laboratory specific training outline that includes specific protocols.

- I. Use of CMI Central Facility Instruments
 - A. Only CMI users that have a CMI License to operate a specific instrument can operate that instrument.
 - B. Always follow the operation and safety instructions detailed in the user manual for the instrument.
 - C. Do not modify equipment or defeat safety interlocks.
 - C. Do not remove any protective lead-shielding panels from electron beam instruments.

- II. Use of Cryogenic Liquids
 - A. Always wear appropriate personal protection equipment.

- III. Use of a Chemical Fume Hood
 - A. The fume hood should not be used as a storage area for chemicals or equipment
 - B. All containers must be capped when not in use. Evaporation of chemicals is prohibited
 - C. Work at least 6" inside the hood with a hood sash opening of approximately 14"

- IV. Use of Gas Cylinders
 - A. Label full or empty
 - B. Always cap when not in use and keep cylinders secured
 - C. Use a transport cart with a chain or strap
 - D. Match regulator type to gas type and do not use adapters
 - E. Only cylinders that are in use should be kept in the lab

CMI User Signature

Date