SPECTROSCOPY SAFETY PROTOCOL

MUA # ____________

Principal Investigator: __________________________________________ Phone: ___________________
Manufacturer: _________________________________________________ Model: ________________

General Safety Guidelines

1. The spectroscopy unit should only be operated by personnel approved and trained by the Principal Investigator. The Principal Investigator must document all training according to Injury, Illness, Prevention, Plan guidelines.

2. The spectroscopy unit must be secured against unauthorized use. This can be accomplished through key control of the room, key control of the machine, human surveillance and/or electronic surveillance.

3. The PI must maintain an operation use log that includes the following information:

   Date of use
   Operator
   Voltage and current settings
   Duration of use
   System modifications

4. EH&S does not recommend modifying the manufactured unit. If modifications must be performed, contact the Office of Environmental Health and Safety/UCDMC Health Physics (EH&S) to verify the modifications and schedule a safety audit.

5. Immediately notify EH&S in the event an individual receives any abnormal radiation exposure.

6. Notify EH&S prior to the acquisition, changes in the location, transfer, or disposal of a spectroscopy unit.


8. Copies of the California Radiation Control Regulations-Title 17 and the Code of Federal Regulations-Title 10 are available at EH&S.

IN THE EVENT OF AN EMERGENCY CALL 911
OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY 752-1493
UCDMC HEALTH PHYSICS 734-3555