

Radioactive Materials

- The purchase and use of radioactive isotopes at Southeast Missouri State University is governed by the policies and procedures presented in the Southeast Missouri State University Radiation Protection Program. The basic provisions of the policy are:
 - Southeast Missouri State University is licensed by the Nuclear Regulatory Commission to possess certain quantities of specific radioisotopes for use in research.
 - All proposed purchases or procurement of radioactive materials, or equipment containing radioactive sources must be approved by the Radiation Safety Officer. If the material is currently licensed, the RSO will facilitate the purchase and receipt of the material. For materials not currently licensed, considerable advance planning (up to 1 year) is required in order to gain approval from the Radiation Safety Committee for a license amendment.
 - All persons using radioactive materials at Southeast Missouri State University must have proper training provided by the Radiation Safety Officer.
 - Use of radioactive materials may only occur in approved locations under the direction of an Authorized User.
 - Persons using radioactive materials may be subject to exposure monitoring depending upon the type of work being performed.
 - All use, storage, and disposal of radioactive materials must comply with NRC regulations, and with the provisions of the Southeast Missouri State University Radiation Safety Program.

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- **To inquire about using radioactive materials and specific training for their use email ehs@semo.edu.**

Laser Safety

- The purchase and use of certain lasers and laser systems at Southeast Missouri State University is governed by the policy and procedures presented in the Southeast Missouri State University Laser Safety Manual. The basic provisions of the policy are as follows:
 - •All purchases or other procurement of Class 3b and Class 4 lasers or instruments containing such lasers must be approved by the Laser Safety Officer or the EHS committee.
 - •All persons using Class 3b and Class 4 lasers must have training as provided by the Laser Safety Officer.
 - •All persons using Class 3b and Class 4 lasers must follow specific operating procedures and comply with all safety procedures as described in the instrument manual and by training.
 - •All Class 3b and Class 4 lasers must be sent to the Laser Safety Officer for disposal.

- •Lasers and Laser projectors used for public displays must comply with the FDA Laser Performance Standard. The LSO (or designee) must be informed in advance of any public display to verify the presentation conforms to appropriate safety standards.

To enroll in Laser Safety Training email ehs@semo.edu.

X-ray Safety

- The purchase and use of any X-ray producing equipment at Southeast Missouri State University is governed by the policy and procedures presented in the Southeast Missouri State University X-ray Safety Plan and Procedures. The basic provisions of the policy are as follows:
 - All purchases or other procurement of X-ray producing equipment must be approved by the Radiation Safety Officer or the EHS committee.●
 - All persons using X-ray equipment must have training as provided by the Radiation Safety Officer.●
 - All persons using X-ray equipment must follow all specific operating procedures and comply with all safety procedures as described in the equipment manual and by training.●
 - Persons using X-ray equipment may ask to have their work evaluated to determine if radiation exposure monitoring is necessary.
 - Use of X-ray equipment at Southeast Missouri State University is for research only.No clinical diagnostic use is permitted.
 - Any use of X-ray equipment in which human subjects are exposed must be approved by the University Research Involving Human Subjects Committee.
- **To enroll in X-ray safety training email ehs@semo.edu.**