

The FACTS

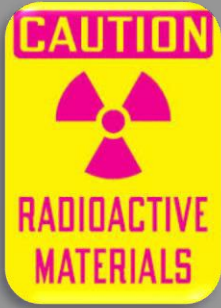


OCCUPATIONAL AND ENVIRONMENTAL SAFETY

Radioactive Materials, X-ray & Laser Safety

Radioactive Materials (RAM)

All radioactive material work must be approved by the Clemson Radiation Safety Committee (RSC)



- ❖ All personnel working with RAM must attend classroom initial radiation safety training
- ❖ All RAM use and storage area must be properly posted entrances to unoccupied labs must be closed and locked
- ❖ Only Radiation Safety Office personnel may handle radioactive waste
- ❖ General lab safety rules must be followed when working with RAM; lab coat, gloves, safety glass are required



Radiation Producing (X-ray) Equipment (RPE)

Use of x-ray equipment must be approved by the Clemson RSC

- ❖ All RPE, including electron microscopes, must be registered with the SC Department of Health and Environmental Control (DHEC); registration sticker must be attached to the x-ray control
- ❖ All RPE users must complete either classroom or online x-ray training



Reminder! Personal health, safety, and emergency response operations (e.g. firefighting) taking precedence over radiological concerns.

Lasers

All class 3b and class 4 lasers must be registered with the Office of Occupational and Environmental Safety

- ❖ All laser users must complete online laser safety training
- ❖ All laser use areas must be properly posted, indicating laser class and wavelength
- ❖ Safety glasses appropriate for the laser wavelength and optical density sufficient to reduce laser output to the safe level must be provided



For more information, please contact the OES Radiation Safety Officer, or visit our website.

[Radiation Safety Manual](#)

[X-ray Safety Manual](#)

[Forms & Applications](#)

