

FACILITIES QUICK REFERENCE for RADIATION SAFETY ITEMS

This document is to act as a framework to best determine if Radiation Safety needs involvement on the renovations process: any facility work on a new lab or renovations of an existing lab.

NON-LAB work:

- Antennas that transmit power (Cellular installations, radio transmitters, etc.)

LABORATORY work:

Questions to be completed by, or asked of the PI or owner of the space:

Does your facility plan the use of:

- Radioactive material
- Radiation producing devices (X-Rays)
- Class 3B or Class 4 Lasers (power greater than 5 mW)
- Ultraviolet (UV) light (not fully enclosed)
- High powered magnets
- Radio frequencies (RF) generating devices

Involve Radiation_Safety@uml.edu in meetings involving these locations.

- For direct contacts visit the Radiation Safety Website
<https://www.uml.edu/Radiation-Safety>

How to Lookup lab ownership and associated risks:

If a current space is part of an ongoing project and has a risk card on the door, the QR code on the risk card can allow one to see the owners of said space as well as any potential hazards within the space. If not onsite, one can lookup the ownership of spaces

<https://www.uml.edu/service/Apps/EHS/RiskCards/Admin/Submissions>

Design and Build spec.

While Radiation Safety should be involved in the design phase, we have posted the most common laser design specs on our website for outside design teams

<https://www.uml.edu/radiation-safety/lasers/> called “Facilities Laser Design Spec”