

Radiation Safety Training

Radioactive waste containers are also identified with radiation warning labels. **It is safe to work around these containers, but you should never empty them.**

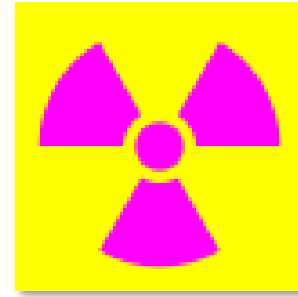


Radiation waste containers

If you see liquids spilled on the floor of a laboratory, **do not clean them up.** Notify someone in the laboratory of the spill. If no one from the laboratory is around, inform your supervisor.



Liquid spill



Radiation Safety Training

For trades and custodial staff working near areas that use radioactive materials and radiation producing machines.



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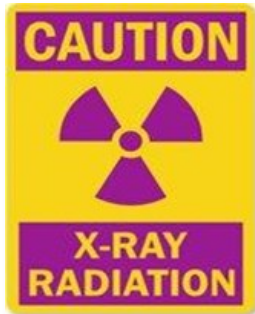
Environmental Health & Safety

Radiation at the University

Trades - For trades staff working near areas that use radioactive materials and radiation materials and radiation producing machines

Radiation producing machines and radioactive materials are common tools used in research settings.

The **trefoil** is the internationally recognized symbol for identifying radiation hazards. All rooms where radioactive materials and radiation producing machines are used or stored are posted with a radiation warning sign on the door entrances. The sign will be yellow with black or magenta and will feature the



Radiation use door signs

It is common to see radiation warning tape with the trefoil symbol on laboratory benches, fume hoods, or specific laboratory equipment like refrigerators, freezers, and centrifuges. These labels denote that these areas may be contaminated with radioactive materials. It is safe to work near these areas, but you should not touch them.

Work in Posted Rooms

Staff in these settings are trained and authorized to use these materials or machines. Their work is inspected closely for compliance with radiation control regulations by the Radiation Safety staff to assure that this work is being done safely. If your work requires you to touch or work in areas labeled as potentially contaminated with radioactivity, please contact Radiation Safety so they can confirm the area is free of radioactive contamination before you start work. If you have non-routine work to confirm (such as repairs, one-time requests, etc.) in rooms posted with radioactive signs, discuss your planned work activity first with the laboratory contact to confirm that it is safe to proceed. If in doubt, contact Radiation Safety for assistance.



Radiation warning tape around the benchtop



Radiation producing machine

Safety Tips

Do not handle or move materials displaying radiation label or located inside an area marked with radiation warning tape.

- Do not place personal items (tools, cups, etc.) inside areas labeled as potentially contaminated with radioactivity; you risk contaminating the item and yourself.
- Do not work in rooms when a radiation producing machine is turned on.
- Do not eat or drink in rooms that are posted with a radiation sign.

Questions or Concerns

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