

Stay safe when working around radiography

All workers should be aware of the hazards associated with radiation work and respect all safety barriers.



Respect barriers and stay safe

Licensees erect barriers and mark the area with radiation warning signs to keep everybody safe from radiation during radiography work.



Minimize radiation dose

Radiation dose limits are set by the Canadian Nuclear Safety Commission (CNSC) for nuclear energy workers (50 mSv/year) and other workers (1 mSv/year).

Regulatory limits are in place to limit the dose received by a person (other than a nuclear energy worker) to 0.1 mSv per week and 0.5 mSv per year.

Consider conducting radiography work during off hours to minimize the risk of exposure to staff.

External complaints (whistleblower reporting)

The CNSC will review, investigate and address any reports of unsafe acts or misconduct related to nuclear substances or devices.

To file an anonymous report:

Toll-free secure telephone line: 1-877-251-2554

Email: cnscciddi.ccsn@canada.ca



To report an emergency, events or non-compliances, the CNSC Duty Officer is available 24/7 at 1-844-879-0805.

Safety is a shared responsibility

Client responsibilities

- Inform their staff of radiography work schedule and work areas.
- Train their staff on radiography safety and the importance of respecting barriers.
- Provide general and visual guidance on radiography barriers.

Licensee responsibilities

- Verify job site safety and ensure client is aware of safety protocol.
- Ensure their workers are properly trained.
- Provide the necessary measurement tools and equipment, including emergency tools.
- Maintain compliance with regulatory requirements.

Exposure device operator responsibilities

- Ensure that instrumentation is calibrated and worn (i.e., dosimeters, radiation survey meters).
- Be prepared with the right tools (e.g., collimators, tunnel and tongs).
- Ensure signage is in place at all access points.
- Control all access points.
- Complete and document radiation surveys.
- Directly supervise trainees.
- Ensure the radiography zone is clear prior to starting.
- Never leave the exposure device unattended.