



# CONTAINMENT LEVEL

## Use of Unsealed Nuclear Substances

This room has been classified as containment level for the use of unsealed nuclear substances in accordance with Canadian Nuclear Safety Commission requirements. Below is a list of safe work practices to be followed when working in this room.

### 24-hour emergency contact (name and phone number)

### Room identification

- Restrict access to authorized workers only.
- Do not eat, drink, store food, or smoke in this room.
- Wear appropriate dosimetry at all times.
- Wear appropriate protective clothing and equipment at all times.
- Ensure a contamination meter capable of detecting the nuclear substances present in the lab is available and in working order.
- Avoid using non-essential or personal items in the room.
- Perform work only in the designated area or enclosure.
- Monitor hands for contamination frequently.
- Clearly identify areas where nuclear substances are handled.
- Check all items for contamination before removal from the designated area or enclosure.
- Monitor all items leaving the containment lab for contamination.
- Monitor work area for contamination after working with nuclear substances, in accordance with authorized procedures.
- Check all packages containing nuclear substances for damage upon receipt.
- Store nuclear substances in a locked room or enclosure when not in use.
- In case of a spill or incident involving a nuclear substance, inform others in the area, follow emergency procedures and notify the radiation safety officer immediately.
- In case of ventilation failure, follow the evacuation protocol.
- In case of radioactive release, evacuate the area and inform the radiation safety officer immediately.

### Notes

A room is classified as containment level for the use of unsealed nuclear substances where the largest quantity (in becquerels) of a nuclear substance handled by any worker exceeds 500 times its corresponding annual limit of intake (in becquerels). Contact your radiation safety officer for a list of annual limits of intake.

#### For more information, contact:

Directorate of Nuclear Substance Regulation  
 Canadian Nuclear Safety Commission  
 P.O. Box 1046, Station B  
 Ottawa, ON K1P 5S9  
 Telephone: 1-888-229-2672  
 Fax: 613-995-5086

[nuclearsafety.gc.ca](http://nuclearsafety.gc.ca)



Canadian Nuclear  
Safety Commission

Commission canadienne  
de sûreté nucléaire

Canada