CONTAINMENT LEVEL

Use of Unsealed Nuclear Substances

Canada's Nuclear Regulator

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)

Health Physics, call security at ext. 88 or 905-522-4135

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
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Ottawa, ON K1P 5S9
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nuclearsafety.gc.ca

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