



Radiation Safety Checklist

North Waters Hospital / Rick Stone / 31 Oct 2022

Complete

Score	90.48%	Flagged items	3	Actions	0
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Client / Site

North Waters Hospital

Location

Chipewyan Lake Rd, Slave Lake,
AB T0G, Canada

Conducted on

31.10.2022 14:30 PST

Prepared by

Rick Stone

Flagged items

3 flagged

Audit / Warnings & Signs

Are appropriate radiation warning signs posted at the entrance(s)?

No

This room does not have any radiation warning signs



Photo 1

Audit / Radioisotope Safety

Is the work area orderly and free of clutter?

No

Saw a spill



Photo 2

Audit / Electrophoresis/Sequencing Devices

Are all power leads insulated and undamaged?

No

This electrical cord is frayed and might cause shocks



Photo 8

General Information

Building

North Waters Hospital

Area Supervisor

Benjamin Coffman

Department

Radiology/Diagnostic

Room

14B

Area Use

Examination of nuclear substances and radioisotopes

Warnings & Signs

1 flagged, 85.71%

Is the "Notice to Employees" poster displayed in appropriate numbers and locations?

Yes

Are appropriate radiation warning signs posted at the entrance(s)?

No

This room does not have any radiation warning signs



Photo 1

REFERENCE: Radiation safety warning sign posted in the main entrance
[This is an example of how you can use iAuditor to include best practice reference images in your templates to assist with inspections]



Are emergency procedures and phone numbers clearly posted?

Yes

Are radioactive material and radiation producing devices secured to prevent unauthorized access?

Yes

Is the "Radiation Safety Manual" available?

Yes

Do all personnel have documented training of the appropriate type?

Yes

Are the appropriate personnel supplied with dosimeters?

Yes

Radioisotope Safety

1 flagged, 94.74%

Is the work area orderly and free of clutter?

No

Saw a spill



Photo 2

Is food, drink, applying cosmetics, etc., prohibited?

Yes

Is mouth pipetting prohibited?

Yes

Is personal protective equipment available and worn appropriately?

Yes

PPE is used and worn properly



Photo 3



Photo 4

Are hands washed before exiting work area?

Yes

Are accurate and up-to-date isotope receiving logs kept and available for inspection?

Yes

Are accurate and up-to-date isotope use logs kept and available for inspection?

Yes

Are semi-annual inventories performed, documented, and copies sent to RSO?

Yes

Is the area surveyed for contamination at least weekly?

Yes



Photo 5

Are wipe test and contamination survey logs kept and available for inspection?

Yes

Have survey meters been calibrated within the last twelve (12) months?

Yes

Are survey meters in good working order?

Yes



Photo 6

Are bioassays performed, documented, and copies sent to RSO as necessary?

Yes

Are refrigerators, hoods, storage cabinets, and waste receptacles clearly and appropriately labeled?

Yes

Are isotopes clearly marked with name, activity, and assay date?

Yes



Photo 7

Is waste properly labeled and stored prior to disposal?	Yes
Are accurate and up-to-date isotope disposal logs kept and available for inspection?	Yes
Are radioactive markings obliterated on non-contaminated items prior to disposal via the building's solid waste?	Yes
Are semi-annual leak tests performed on sealed sources and records maintained?	Yes

Electrophoresis/Sequencing Devices

1 flagged, 81.82%

Are written operating procedures readily available?

Is the power supply clearly marked "DANGER - HIGH VOLTAGE?"	Yes
Is the sequencing unit clearly marked "DANGER - HIGH VOLTAGE?"	Yes
Is the power "ON" lamp on the power supply working and clearly visible from the work area?	Yes
Is the power "ON" switch readily accessible?	Yes
Are all electrical contacts guarded against operator contact?	Yes
Are all power leads insulated and undamaged?	No

This electrical cord is frayed and might cause shocks



Photo 8

Is the AC power cord a grounded type and undamaged?	Yes
Is the unit cover safety interlocked?	Yes
Are unit and power supply located away from the sink?	Yes

Are appropriate personnel trained in CPR?

Yes

Radiation Producing Devices

100%

Is a copy of Registration posted?

Yes

Are operating and emergency procedures posted?

Yes

Are quarterly safety device tests performed and documented in a log?

Yes

Are annual inspections performed and documented?

Yes

Is the control panel marked with appropriate warnings?

Yes

Recommendations

Write some recommendations

1. Acquire adequate training to better understand the nature of radiation hazards.
2. Reduce handling time of radioactive materials and equipment.
3. Be mindful of your distance from sources of radiation. Increase distance as much as possible.
4. Use proper shielding for the type of radiation.
5. Isolate or contain harmful radioactive materials properly.
6. Armor yourself with appropriate protective clothing and dosimeters.
7. Conduct contamination surveys in the work area.
8. Do not eat, drink, smoke, or apply cosmetics in an area where unsealed radioactive substances are handled.
9. Observe proper radioactive waste disposal.
10. After work: monitor yourself - wash - monitor again.

Completion

Full Name and Signature of the Inspector

Rick Stone

Rick Stone
31.10.2022 15:28 PST

Appendix



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8