

Portable Gauge Job Aid

Your Guide to Compliance in the Field



Canada's
Nuclear
Regulator

Important Contact Information

Radiation Safety Officer (RSO):

Telephone Number:

24-hour Canadian Nuclear Safety Commission (CNSC) Duty Officer

1-844-879-0805 (toll-free)

Required Documents

- Valid Class 7 TDG training certificate.
- Properly completed shipping document.
- Emergency procedures.
- Complete copy of current CNSC licence.

Required Device Labelling

- Name or job title of contact person.
- 24-hour phone number.
- Source details.
- Radiation warning symbol.



Package Marking and Labelling

Markings:

- Shipping Name
- UN Number
- Consignor ID
- Specification Mark "Type A"
- Package Manufacturer Name
- Manufacturer Country (VRI Code)

Class 7 category labels are **required** on opposite sides of the package. Each label must include the radioactive contents, activity, and transport index (TI).



Device Security

The portable gauge **must** be either under constant worker surveillance, or secured in a transport vehicle or at a storage location.

Ensure that the structural integrity of the **"Type A"** package is intact.

IMMEDIATELY notify a CNSC duty officer of any reportable incident:

- Lost, stolen or missing gauges.
- Damaged gauge impairing normal use.
- Transport accidents involving a gauge.
- Gauge with a stuck or open shutter.

A full written report must be submitted to the CNSC within 21 days.

Contact the CNSC at cnsccinfo@ccsn.ca or **1-888-229-2672** or nuclearsafety.gc.ca



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Canada

REMEMBER ALARA

As Low As Reasonably Achievable

Minimize Exposure by Decreasing Time, Increasing Distance, and Using Shielding.

Minimize Time by planning your actions.



Maximize Distance by maintaining space from the gauge.



Incorporate Shielding whenever possible.



Always ensure that the **gauge shutter is fully closed** prior to handling.

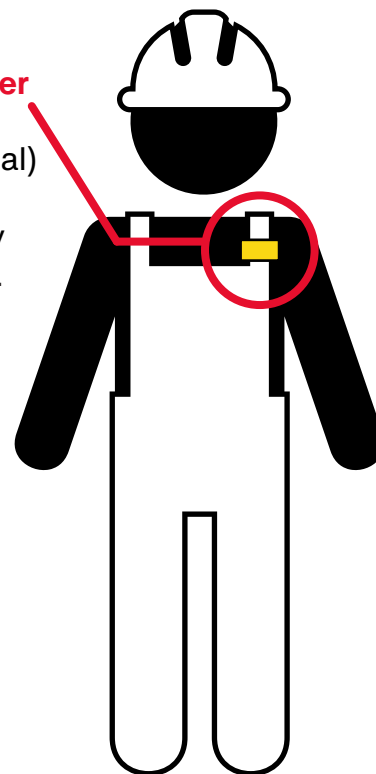
To avoid unnecessary exposure, use a radiation survey meter to confirm closure.



**Open Shutter,
Big Blunder!**

Ascertaining Radiation Doses

- Wear your **whole-body dosimeter** between the neck and waist.
- Log every shot (practice and real) to calculate dose.
- 1 shot is equal to approximately 1.2 microsieverts (μSv) of dose.



Incident Response Steps

1. Set a safe perimeter of 2 m and keep people away from the gauge.
2. Inform the appropriate person(s) immediately.
3. Initiate your site's emergency procedures.

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