



Health
Canada

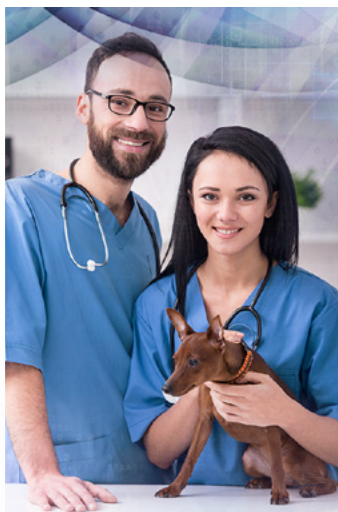
Santé
Canada

*Your health and
safety... our priority.*

*Votre santé et votre
sécurité... notre priorité.*

NATIONAL

DOSIMETRY SERVICES



Canada 

WHO WE ARE

Health Canada's National Dosimetry Services (NDS) provides personal radiation monitoring services to workers across Canada. Since 1951, NDS has helped employers improve their occupational health and safety programs by providing timely and accurate radiation exposure information. NDS is licensed and regulated by the Canadian Nuclear Safety Commission (CNSC) as a dosimetry service provider.

WHAT IS A DOSIMETER AND HOW DOES THE SERVICE WORK?

A dosimeter is a device used to measure personal exposure to ionizing radiation in the workplace. It is worn for a specified period of time, returned to our facility, and then analyzed by a technician who determines the quantity of radiation exposure. An Exposure Report (i.e. a record of the dose results) is then produced and sent to the organization. Simultaneously, dosimetry results for registered users are transmitted to the National Dose Registry (NDR) where a dose history is kept. Replacement dosimeters are issued just before the end of the wearing period so that potential exposure is continually monitored.

HOW DO DOSIMETERS HELP IMPROVE OCCUPATIONAL HEALTH & SAFETY?

Dosimeters can help your organization minimize and manage radiation exposure risks by:



► **Verifying that dose limits are not exceeded.**

Each federal, provincial and territorial jurisdiction determines the maximum permissible level of radiation exposure for each user. Exposure Reports provide a record to assist users with managing their cumulative radiation exposure and ensuring limits are not exceeded.



► **Obtaining a lifelong dose history.**

Individuals who use dosimeters may obtain a personal dose record (through the National Dose Registry) which indicates their accumulated radiation exposure over a career.



► **Monitoring pregnant workers.**

There are greater exposure risks during pregnancy when fetal cells are developing and multiplying. Dosimeters may be used as a dose management tool for early detection to monitor and minimize a pregnant worker's exposure to radiation.



► **Detecting faulty equipment and gaps in safety practices.**

Radiation exposure data can indicate problems with exposure equipment (e.g. X-ray machines), operational procedures or employee workload.

WHO SHOULD WEAR A DOSIMETER?

Dosimeters should be worn by any worker who is at risk of radiation exposure. Employers that are seeking to: improve or provide assurances of the effectiveness of their radiation safety program; comply with regulatory requirements; or address employee health concerns should implement an occupational radiation monitoring program.

WHY USE NDS?

Experience: NDS is Canada's leading dosimetry provider and has over 60 years of experience helping organizations improve their radiation safety programs.

Reliability: As part of the federal government, you can rely on NDS to put your health and safety first, by providing you with timely and accurate radiation exposure information.

Privacy Protection: As a Canadian federal government operation, NDS strictly adheres to the *Privacy Act*, so you can trust that your personal information is protected.

Quality Products and Services: NDS offers dosimeters that monitor exposure to x-ray, beta, gamma and neutron radiation. All of our products meet the strict technical standards set forth by the CNSC as well as provincial and territorial regulators.

Industry-Leading Client Services: NDS has a Client Services Unit that is committed to providing high quality and responsive services in both official languages. Whether you need to make a change to your account or have a question, a Client Service Representative is available to assist you.

CONTACT US

If you would like to learn more about NDS' products or services, please contact us:

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