

- Use personal protective equipment and other safety devices provided by the employer.
- Report incidents and exposures to the Equipment Supervisor and RSO.

• Pregnancy

A worker can be authorized to use multiple sources of radiation or hold multiple work statuses. For example, she can be both a Nuclear Energy Worker (NEW) for nuclear substance and an X-ray User. Only a single quantity of effective dose can be assigned to an individual at a given point in time, even if the effective dose were accumulated from multiple sources or at various times in the past. Therefore, these guidelines regarding pregnancy (Radiation Dosimetry for SFU X-ray Users) consider both Canadian Nuclear Safety Commission (CNSC) regulations and WorkSafeBC - Occupational Health and Safety (OHS) Regulation. CNSC regulations, in general, concern only nuclear substance use,

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- If an incident that has the potential of causing over-exposure (near-miss incident) of a person occurred, the Radiation Safety Officer (RSO) must be notified.
- Information to be reported with an incident includes (but not limited to): time, place and nature of the incident.
- An investigation into the circumstances surrounding any complaint, incident or suspected over-exposure will be carried out.
- Personal Dosimeters (and Area Monitor/Survey Meter readings, if any) will be collected to determine committed dose estimates.
- Each X-ray

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 - Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.P.O. 1990, X-ray Safety Regulation 861.
 - Canadian Nuclear Safety Commission, Radiation Protection Regulations, May 2000.
 - Canadian Nuclear Safety Commission, INFO-0827: *Introduction to Dosimetry*, February 2012.
 - WorkSafeBC *Occupational Health and Safety Regulation* Part 7 Noise, Vibration, Radiation and Temperature. June 2013.
 - Health Canada, *Safety Requirements and Guidance for Analytical X-ray Equipment* Safety Code 32, 94-EHD-186. Health Canada, 1994.
 - Health Canada, *Radiation Protection In Veterinary Medicine Recommended Safety Procedures For Installation And Use Of Veterinary X-ray Equipment -* Safety Code 28. Health Canada, 1991.
 - Health Canada, *Radiation Protection in Dentistry Recommended Safety Procedures for the Use of Dental X-Ray Equipment -* Safety Code 30. Health Canada, 1999.
 - University of Minnesota Radiation Protection Division, *Personnel Monitoring and Dosimetry Policies*, 2001.
 - University of Alberta Analytical X-Ray Equipment Radiation Safety Manual, July 2003.
 - Hamilton Health Sciences, *Diagnostic Imaging Radiation Dosimetry for X-ray Workers* and X-ray Students at HHS Policy, 09 February, 2006.
 - University of Toronto, X-Ray Safety Program, 02 January, 2013.
 - Princeton University, Radiation Safety Manual for Laboratory Users Section 6: Dose Limits and Personal Monitoring, 2013.
 - Simon Fraser University Radiation Safety Manual, 2018.