

# Notification of X-ray Worker Status

**X-ray Worker Name:** \_\_\_\_\_

The University of Guelph is committed to the health and safety of its employees and students.

In accordance with the Occupational Health and Safety Act and Ontario Regulation 861 (X-ray Safety), Section 9(1), this is to inform you that you are employed as an X-ray Worker. An X-ray Worker is defined by Ontario Regulation 861 as a worker who, as a necessary part of the worker's employment, may be exposed to X-rays and may receive a dose equivalent in excess of the annual limits set out in column 4 of the table below, which also sets out the dose limits for X-ray workers (column 3 of the table below).

Part of Body Irradiated	Exposure Conditions and Comments	Dose Equivalent Annual Limit (millisieverts, mSv)	
		X-ray Workers	Other Workers
		Column 3	Column 4
Whole body or trunk of body	Uniform irradiation	50	5
Partial or non-uniform irradiation of body	Limits apply to the Effective Dose Equivalent, as defined in Note a) of the Schedule in the Regulation	50	5
Lens of eye	Irradiated alone or with other organs or tissues	150	50
Skin	The limit applies to the mean dose equivalent to the basal cell layer of the epidermis for any area of skin of 1 square centimetre or more	500	50
Individual organs or tissues other than lens of eye or skin	The limit on effective dose equivalent applies, with an overriding limit on the dose equivalent to the individual organ or tissue	500	50

Additionally, as per Ontario Regulation 861, the University shall take every precaution reasonable in the circumstances to ensure that the mean dose equivalent received by the abdomen of a pregnant X-ray worker does not exceed 5 mSv during the pregnancy.

The University of Guelph is committed to taking every reasonable precaution to minimize the radiation exposure of X-ray Workers, other staff, students, and the public, following ALARA principles to keep exposures As Low As Reasonably Achievable. As such, despite the dose limits in the table above, the University has an internal action level, above which any whole body dose will be investigated.

As per Regulation 861, Section 12(1), all X-Ray Workers are provided a suitable personal dosimeter and as per Section 12(2) must use that dosimeter as directed.

You must be familiar with the following documents that are provided to you:

1. The Ontario X-ray Safety Regulation, Regulation 861:  
<https://www.ontario.ca/laws/regulation/900861>.
2. Dose limits as outlined in Ontario Regulation 861, Schedule.
3. Dose limits for Pregnant X-ray Workers as outlined in Ontario Regulation 861, Section 10(2). Any X-ray Worker who becomes aware that they are pregnant shall inform the RSO or OHW as soon as possible. Accommodation shall be made to ensure the dose limit for a pregnant worker is not exceeded and an additional fetal dosimeter shall be provided.
4. The risks associated with radiation to which you may be exposed during the course of your work, including the risks associated with the exposure of an embryo and fetus.
5. Your expected radiation dose levels.

**I understand the risks, my obligations and the radiation dose limits and levels that are associated with being an X-ray Worker and have completed the EHS X-ray Safety course and agree to refresh this training every three years.**

X-ray Worker Name: \_\_\_\_\_

X-ray Worker Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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RSO Name: \_\_\_\_\_

RSO Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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