



UNIVERSITY OF TORONTO

RADIATION PROTECTION SERVICE

SAFE USE OF RADIOGRAPHY SOURCES PROGRAM

RADIOGRAPHY SOURCE PERMIT SYSTEM

Radiography sources of considerable energy are used by contracted workers to estimate concrete thickness and safety for concrete drilling in University buildings.

The radiography source permit system ensures that

- the radiography source and user are licenced or otherwise approved by the regulatory authorities
- the potential hazards of exposure to these sources have been identified and assessed
- that necessary safety measures are in place
- that workers, students, and staff are aware of the safe procedures to follow during such testing.

A 3-part permit number will be generated for each radiographic testing. The number will begin with an R (to denote radiation usage), the date (dd/mm/yr) and a number. For example, the permit number for a radiography source permit for testing to be conducted on December 5, 2000 would be: R - 05122000 - 1. If later the same day or evening further testing is required, a second radiography source permit bearing the permit number R - 05122000 - 2 would be generated.

The permits will be available from the Radiation Protection Service, Office of Environmental Health and Safety. The permit must be authorized by the Design and Construction project manager or Building Property Manager responsible for the work, indicating that this work will be done in accordance with the University's radiography source permit system. Following authorization by the project manager, the permit must be signed by the radiographer and approved by the Radiation Protection Service. Once the radiographic testing is complete, the permit is returned to the University project manager and kept on file for three years.