

APPENDIX S. Authorization to Possess and Use Equipment that Produces Ionizing Radiation

Principal Investigator: _____

Location of the equipment: Building: _____ Room: _____

Description of equipment, including operating parameters (voltage, amperage), target materials, detector attachments and use.

Maximum kV: _____

Maximum mA: _____

Description of safety devices including enclosures, shutter beam ports, warning lights, interlocks, and shielding.

Description of routine uses of the x-ray equipment including the purpose of experiments and the users.

Radiation survey meter available in the lab: Brand _____
Model _____
SN _____

Attach a diagram of x-ray location and setup.

General conditions of the authorization for possession and use of equipment that produces ionizing radiation:

- The proposed work will be performed in the manner described in the sections above.
- There will be no changes to the operating procedures without the prior approval of the Radiation Safety Officer (RSO). The RSO shall be notified in writing prior to a change in location or use of the equipment.
- The use of the equipment will conform to all the requirements outlined in the BC Radiation Safety Manual.
- All personnel will receive radiation safety training from the Radiation Safety Officer and hands-on-training from the project supervisor prior to the use of the equipment.

Project Supervisor

Signature: _____ Date: _____

Print Name

Specific conditions required by the Radiation Safety Officer:

Approved by: _____ Title: _____ Date: _____