

ATRF
X-ray Producing Machine Program Application

(Do Not Hand Write this Form)

The required information for the establishment of any new X-ray Producing Machine Program can be supplied in the following document. This document has been created to simplify and to expedite the radiation application process by ensuring that all pertinent information as outlined in the ATRF Radiation Safety Manual is supplied.

In addition, an X-ray Program User Application Form for each individual requesting authorization to use an x-ray producing machine must accompany this Program Application.

PROGRAM SUMMARY

Principal Investigator:
Organization:
Project Name:
Degrees:
Primary Radiation Training:

Radiation Area Supervisor:
Degrees:
Primary Radiation Training:

Protocol and X-ray Producing Machine Information

Uses:

Protocol:

X-ray Producing Machine Information: (fill out as appropriate)

Type: _____
Manufacturer: _____
NIH#: _____
Serial#: _____
kV: _____
kW: _____
mA: _____
Target: _____
Filter: _____
Anode: _____

Check one:

- X-Ray Irradiator
 X-Ray Generator
 Cabinet X-Ray Unit

Training

It is the responsibility of the Principal Investigator and/or Radiation Area Supervisor to oversee and document the training of specific laboratory procedures for laboratory personnel. Use of an X-ray producing machine prior to successful completion of training provided by the Radiation Program's Principle Investigator or Area Supervisor is prohibited. Dated documentation of successful completion for all authorized users must be kept on file for review.

Authorized X-Ray Producing Machine Use Areas

Building	Room

Radiation Monitoring Equipment

All procedures will be performed to keep exposure As Low As Reasonably Achievable (**ALARA**). Adequate shielding will be provided and used as necessary. Additionally, eye protection, remote handling devices, protective clothing, and radiation badge will be used when appropriate.

Please provide the Radiation Safety Office with a current and accurate list of meters (e.g., Geiger counter) used for monitoring within your laboratory. Include the model number, serial number and NIH number (when possible).

MONITORING EQUIPMENT		
Model	Serial #	NIH#

Radiation Safety Precautions To Be Used

All x-ray producing machine procedures will be conducted in accordance with the ATRF ALARA program. Appropriate safety equipment and personal protection equipment will be used.

(Principal Investigator's Signature)

(Date)