

Physics Consultants Inc.  
Radiation Shielding Assessment Form

**A scale drawing of the X-ray room(s) must be submitted that includes ALL of the following.**

- a. Drawing and dimensions of the room(s)
- b. Surrounding rooms and areas and their functions (e.g., office, exam room, waiting area)
- c. Above and below areas and their functions (e.g., attic, basement, storage)
- d. Door and window placement in room
- e. Wall, floor and ceiling composition and thickness (e.g., 5/8" sheetrock, 6" concrete)
- f. Placement of the X-ray machine and exam table or dental chair
- g. Location of the controls or control booth
- h. **For CT units we need the Radiation Scatter Diagram from your CT Manufacturer**

What is the physical address of the room(s) requiring a radiation shielding assessment?

Facility Name:

Street Address:

City:

State:

Zip

We will email you the report when completed. Please provide your contact name and email address.

Name:

Email:

Phone:

Please provide any additional information that you think we might find useful:

For each unit, please complete the following page with the information requested. Vendor information re: room drawings and unit specifications is welcome. Clearly list each of the rooms on your floorplan.

Please email the completed form and corresponding documents to [shielding@pciphysics.com](mailto:shielding@pciphysics.com). If you have any questions about the information requested, please contact us at 207-773-1313. Thank you!

UNIT 1

Manufacturer:	Model:
<b>X-ray unit weekly workload</b>	
Number of patients per week =	
Number of exposures per patient =	
<i>Average kVp setting per exposure =</i>	
<i>Average mA setting per exposure =</i>	
<i>Average time setting per exposure =</i>	
<i>What is the room name or number?</i>	

UNIT 2

Manufacturer:	Model:
<b>X-ray unit weekly workload</b>	
Number of patients per week =	
Number of exposures per patient =	
<i>Average kVp setting per exposure =</i>	
<i>Average mA setting per exposure =</i>	
<i>Average time setting per exposure =</i>	
<i>What is the room name or number?</i>	

UNIT 3

Manufacturer:	Model:
<b>X-ray unit weekly workload</b>	
Number of patients per week =	
Number of exposures per patient =	
<i>Average kVp setting per exposure =</i>	
<i>Average mA setting per exposure =</i>	
<i>Average time setting per exposure =</i>	
<i>What is the room name or number?</i>	

UNIT 4

Manufacturer:	Model:
<b>X-ray unit weekly workload</b>	
Number of patients per week =	
Number of exposures per patient =	
<i>Average kVp setting per exposure =</i>	
<i>Average mA setting per exposure =</i>	
<i>Average time setting per exposure =</i>	
<i>What is the room name or number?</i>	

UNIT 5

Manufacturer:	Model:
<b>X-ray unit weekly workload</b>	
Number of patients per week =	
Number of exposures per patient =	
<i>Average kVp setting per exposure =</i>	
<i>Average mA setting per exposure =</i>	
<i>Average time setting per exposure =</i>	
<i>What is the room name or number?</i>	

UNIT 6

Manufacturer:	Model:
<b>X-ray unit weekly workload</b>	
Number of patients per week =	
Number of exposures per patient =	
<i>Average kVp setting per exposure =</i>	
<i>Average mA setting per exposure =</i>	
<i>Average time setting per exposure =</i>	
<i>What is the room name or number?</i>	