YALE UNIVERSITY ration For The Use Of X-Ray Equipmen

Application For The Use Of X-Ray Equipment Instructions: This form should be completed by the PI who is responsible for x-ray generating equipment. Send all completed forms via e-mail or through campus mail to: Radiation Safety / EHS, 135 College Street, Attn: X-Ray Authorization. Questions? Call 737-2118 or 785-3550

1a.	Principal Investigator:				Net ID:
	Office Address:	Teleph	ione:	Department:	
	E-Mail Address:				
1b.	X-Ray Equipment Mana	ger:			Net ID:
	E-Mail Address:			Telephone	9:
2a.	Equipment Information				
	Manufacturer				
	Model				
	Serial #				
2b.	Type of X-ray Unit				
	Cabinet X-Ray	-Ray Diffraction	X-Ray Fluorescence	Computed Tomog	raphy
	☐ Electron Beam ☐ Bo	one Density	C-Arm Fluoroscope	Portable X-Ray	General Purpose
	Luminoscope m	icro Bone Density	micro PET/CT	Teletherapy (Anal	ytical) Dual Anode X-Ray
	mini C-Arm O	ther - describe			
2c.	Output				
	Maximum Voltage (kV)	1	Normal Operating Vol	tage (kV)	
	Maximum Current (mA)	1	Normal Operating Cur	rent (mA)	
2d.	Safety Features				
	☐ Beam On Indicators	☐ Shutter Open L	ights	S	
	Other Describe				
3a.	X-Ray Facility Location	- List all rooms in whic	h x-ray equipment wil	I be used or stored	
3b.	X-Ray Facility Devices a	and Safety Equipment	t - Select safety device	ces/equipment to be use	ed in your lab
	Caution Signs and La	bels Personal	Dosimeters (badges)	Posted Standard	d Operating Procedures
	Lead aprons	Lead Glov	/es	Lead Thyroid Sh	nields
	Survey Meter Manu	facturer	Probe Ty	pe	cation
	Other - describe				

4.	Will any of the following items be used in conjunction with the x-ray equipment?
	Biohazards / Pathogens No Yes If "yes," list details below.
	(EX: Viruses, bacteria, human cell lines, etc)
	Hazardous Chemicals No Yes If "yes," list details below. (EX: methanol, phenol, chloroform, benzene, toluene, toxins, heavy metals, etc
5.	Will the unit be used on or with live animals?
	No Yes If "yes," make sure to include a detailed protocol in section 7 and answer the following:
	Approved IACUC Protocol Number
	Species of Animal
6.	Purpose: Indicate the main purpose for using this equipment. Indicate what general types of experiments will be performed with this unit.
7.	Project Methodology: Outline the methodology of the project emphasizing the safe use of the x-ray unit. Provide a copy of the written operating procedures that will be available to all users of the x-ray equipment. Consider steps in your protocol which are potentially hazardous or may generate significant dose rates. Will beam alignments need to be made in the presence of the beam? If you need more
	room, please attach a document to this application and write "see attached" in the area below.

aintenance a	and Repair: E	xplain who is	authorized to	maintain and	d repair the u	ınit.		
aintain records o	of all repairs perfor	rmed on the unit.						
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	Name	NetID
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4. List names and Net ID's of all individuals who will use, assist in the use of, or will frequent the room in which this x-