## Radiation Safety X-Ray Machine Survey Checklist

RUA #	Class:	Date:	Sur	veyed By:			
			ct:				
Department:		Location(s	s):				
Contacted during	g survey: RUA Holde	er 🗌 Lab Contact	User:				
<b>Machine Type:</b>	☐ Diffraction	Diagnostic	Electron	Microscope	Other		
X-Ray System I							
Manufactu	ırer:		Machine ID:				
Model:							
-	perating Parameters:		-		kVp		
Maximum	Operating Parameters:			mA	kVp		
			Y N NA NR	Commen	ts / Actions		
Posting, Labeli	ng, Security, and Traini	ng					
	inces posted with a Cautio	_					
a. Is the co	ontact information up to o	late/legible?					
	urrent and posted?						
	tion Producing Machine E	mergency Guideline					
posted? 4. Is the Notice	e to Employees Poster pos	ted in the huilding?					
	ution X-Rays label on the	_					
	chine secured from unauthorized use?						
7. Have person	nnel met all machine speci	fic training					
requirement	ts?						
RUA Records							
	e(s) requested?						
9. Are the LC a	nd RH receiving survey re	ports and all RUA					
	munications?						
	vare of where the RSM car						
	user training being administered/documented?  Machine SOP available, current, and signed off?  Surveys performed at the required frequency?						
	ne use log available, up to						
legibly with	full names and in ink?						
Instruments ar	nd Dosimetry						
	d survey meters available,	in calibration,					
functional, a	•	,					
16. Dosimetry:							
a. Are dos the RUA	imeters being properly wo \?	orn as prescribed by					
	imeters stored away from	radiation fields					
when n	ot being worn?		S3 S3 S3 S3				

RD-32b Rev.2 4/12/16

	&S Surveys and Machine Conditions	Y N NA NR	Comments / Actions
17.	Dose rate survey performed; all readings were found to be < 2.0 mR/hour at contact.		
	Meter Used:		
	SN: Bkg:		
	Is the beam adequately enclosed?		
	Are beam stops in place?		
	Is there a beam port shutter lamp in place?		
	Is there a "X-Ray on" indicator on the console?		
	Is there a "X-Ray on" indicator on the tube?		
	Are the mA and kVp indicators functioning?  Did the housing/cabinet enclosure interlocks function	10 10 10	
24.	properly when tested?		-
25.	Did the beam port shutter interlocks function properly		
	when tested?		
	n-Beam Hazards		
26.	PPE:		
	<ul><li>a. Is lab appropriate clothing worn?</li><li>b. Are required PPE available and worn by users handling</li></ul>		
	radioactive materials?		-
27.	Are all users following the Campus "Food in Labs" policy?	8 8 8	
	If non-beam hazards such as compressed gases, lasers,		
	seismic, etc. are present, are they adequately addressed?		
	Radiation Safety X-Ray Mad	hine Renewal	Survey Checklist
	Radiation datety X-Nay Mad	illie Kellewai	-
		Y N NA NR	Comments / Actions
1.	Is the SOP(s) on file current?		
2.	Are Users familiar with radiological emergency procedures?		
3.	Are all users current with their training?		-
	Did you get an updated Recharge Authorization form		-
Bas	ed on my review of the RUA performance for the renewal pe		
	Yes Yes, conditionally (explain in repor	t) No (explain ir	i report)
Oth	er:		
J.11	<del></del>		

Y = Yes, N= No, NA = Not Applicable, and NR = Not Reviewed

RUA # \_\_\_\_\_ Date: \_\_\_\_\_

RD-32b Rev.2 4/12/16