ISDH Radiological Health Section

FLUOROSCOPIC AND C-ARM MACHINE INSPECTION

1. Facility Registration Number ☐☐☐☐☐ 2. Inspector Signature _____ ☐☐☐ (code)

3. Inspection Date ☐☐☐☐☐☐ 4. Machine Identification (circle): Certified Noncertified Mixed

Last Inspection Date ☐☐☐☐☐☐ 7. New Owner _____

5. Add this machine ☐ 6. Delete this machine ☐ _____

A. Machine Number	B. Machine Design (use Codes)	C. Location Within Facility	D. Manufacturer	E. Model and Serial Numbers	F. Means of Beam Collimation (circle one)	G. Maximum Machine Rating	H. Utilization Mode			I. Month and Year of:		
						kVp	F	M	P	MFG.	INST.	INSP.
					Adj Cone Dia None Other	mA/mAs						

OPERATOR SHIELDING: none ☐ lead drape ☐ table lift shield ☐ bucky slot shield ☐

Fluoroscopic technique factor control type: Manual ☐ Automatic ☐ Both ☐

Image Intensified Yes ☐ No ☐

*-Explain on Comment Page

	Satisfactory	Unsatisfactory*	N/A*
8. Primary barrier transmission	8.		
9. Exposure possible without primary barrier in place	9.		
10. mA and kV continuously indicated during exposure	10.		
11. Technique guide	11.		
12. Warning label	12.		
13. Minimum SSD	13.		
14. Entrance exposure rates posted in a visible location	14.		
15. Image vs. x-ray field alignment	15.		
16. Timer--5 minute maximum	16.		
17. Timer--audible alarm or x-ray cutoff	17.		
18. Half-value layer	18.		
19. Indication of beam axis perpendicular to image receptor plane	19.		
20. Entrance exposure rate does not exceed maximum limits	20.		
21. Exposure terminated at any time	21.		
HIGH-LEVEL CONTROL			
22. High level audible signal when activated	22.		
23. High level control switch of the deadman type	23.		
SPOT FILM DEVICES (CERTIFIED UNITS ONLY)			
24. Exposure terminated after preset time, mAs, or exposure	24.		
25. Technique factors indicated before exposure	25.		
26. Phototime mode	26.		
27. Reproducibility--exposure	27.		
28. Reproducibility--time	28.		
29. % misalignment	29.		
30. X-ray field/selected portion of film--centers alignment	30.		
31. Spot-film automatically adjusts to the correct portion of film	31.		
32. Manually adjustable smaller than selected portion of film	32.		
33. Indication of beam axis perpendicular to image receptor plane	33.		