

P.O. Box 2448 • 7th Floor Richmond, VA 23218 (804) 864-8150

Fluoroscopic Radiographic Systems

PAGE

OF

RH-F-24 01/2020a

New	Registration:
	r togiotration.

È	FACILITY ID NO.				TUBE REGISTRATION NO:		МАКЕ							
FACILITY	NAME						PURPOSE							
	NAME H						MODEL							
INSPECTOR	NAME SIGNATURE						SERIAL NO.							
INSPI	DATE						MAX. kVp	MAX. mA	ROOM NO.					
ОК	N/A	N/S	S		E	VALUATION C								
				1. Warning label	. Warning label is not present (12 VAC 5-481-1601-1). NON-SERIOUS.									
				2. HVL at	HVL at kVp is measured at mm Al. Minimum is mm Al. (12 VAC 5-481-1601-4). Deficiency of ≤ 0.2 mm NON-SERIOUS , deficiency of > 0.2 mm SERIOUS .									
				3. Primary barrier	. Primary barrier does not intercept the entire beam at all SIDs (12 VAC 5-481-1611-B1). SERIOUS.									
				4. X-rays may be	X-rays may be produced when primary barrier is not in a position to intercept the beam (12 VAC 5-481-1611-B1). SERIOUS.									
				$[12 \text{ VAC } 5-481-1611-B1). \text{ SERIOUS.}$ Length of X-ray field exceeds visible by% of SID. Width of X-ray field exceeds visible by% of SID. $[12 \text{ VAC } 5-481-1611-C4). 3\%-6\% \text{ for one } \mathbf{or} \ 4\%-8\% \text{ both: } \mathbf{NON-SERIOUS}; \ge 6\% \text{ one } \mathbf{or} \ge 8\% \text{ both: } \mathbf{SERIOUS}$										
					6. Fluoroscopic beam limitation failure (12 VAC 5-481-1611-B & C) SERIOUS									
				-	. Fluoroscopic control does not require constant operator pressure (12 VAC 5-481-1611-D) SERIOUS									
				$^{8.}$ > 10 to < 12 R	> 10 to < 12 R/min NON-SERIOUS, ≥ 12 R/min SERIOUS									
				 Deactivated-HLC: > SERIOUS; During r 	Maximum entrance exposure rate deactivated-HLC: R/min; Activated-HLC: R/min (12 VAC 5-481-1611-E). Deactivated-HLC: > 10 to < 12 R/min NON-SERIOUS, ≥ 12 R/min SERIOUS; Activated-HLC: > 20 to < 23 R/min NON-SERIOUS, ≥ 23 R/min SERIOUS; During recording of fluoroscopic images, pulsed, or cine: no upper limit restrictions.									
				$\geq 4 \text{ mR/hr SEI}$	24 mR/hr SERIOUS									
				11. Minimum sour surgical applic	Minimum source to skin distance cm. 38cm (stationary, post-9/1/80 install); 30cm (mobile); 20cm (special surgical applications); 9cm (portables used for special applications) (12 VAC 5-481-1611-H). NON-SERIOUS.									
					. Five minute timer is not present or does not operate properly (12 VAC 5-481-1611-I). NON-SERIOUS									
		13. Scatter radiation from above the table is not attenuated by at least .25mm lead equivalent (except special procedures) (12 VAC 5-481-1611-M2). NON-SERIOUS.												
				14. Scatter radiation from under the table is not attenuated by at least .25mm lead equivalent (except special procedures) (12 VAC 5-481-1611-M1). NON-SERIOUS.										
	$15. \frac{\text{kVp error } \pm \ \% \text{ of indicated kVp at}}{\text{NON-SERIOUS,} \ge 15\% \text{ SERIOUS}} \text{kVp (12 VAC 5-481-1621-A4).} > 10\% \text{ to} < 15\%$													
				16. Other/Remarks	S:									