VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

OFFICE OF RADIOLOGICAL HEALTH
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Veterinary Radiographic Systems

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RH-F-25 01/2020a

New Registration: ☐

FACILITY			MACHINE			
FACILITY ID NO.	TUBE REGISTRATION NO:		MAKE			
NAME			PURPOSE			
INSPECTOR						
NAME			MODEL			
SIGNATURE			SERIAL NO.			
DATE			MAX. kVp	MAX. mA	ROOM NO.	

OK	N/A	N/S	S	EVALUATION CRITERIA
				1. Warning label is not present (12 VAC 5-481-1601-1). **NON-SERIOUS.**
				2. HVL at _____ kVp is measured at _____ mm Al. Minimum is _____ mm Al. (12 VAC 5-481-1601-4). Deficiency of ≤ 0.2mm **NON-SERIOUS**, deficiency of > 0.2mm **SERIOUS**.
				3. Radiographic control does not require constant operator pressure or does not terminate the exposure properly (12 VAC 5-481-1621-P). **SERIOUS.**
				4. Operator cannot stand at least 9 feet from animal and out of useful beam during all X-ray exposures. (12 VAC 5-481-1621-P4). **SERIOUS.**
				5. Appropriate shielding devices (such as aprons and gloves) not provided for individuals who hold animals during radiography. (12 VAC 5-1591-A5 & 8E) **SERIOUS**.
				6. X-ray control not equipped with both visual and audible indication of X-ray production (12 VAC 5-481-1621-J). **NON-SERIOUS**
				7. Exposure reproducibility: coefficient of variation _2.54_ % at a technique setting of _____ (12 VAC 5-481-1621-B). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**
				8. Timer reproducibility: coefficient of variation _0.05_ % at a technique setting of _____ (12 VAC 5-481-1621-B). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS**
				9. Useful beam not collimated to area of clinical interest (12 VAC-481-1621-O). **NON-SERIOUS**
				10. Radiation exposure of any individual used for holding animals during radiography in not monitored. (12 VAC 5-481-1591-A5). **SERIOUS**
				11. Light field illuminance is _____ft. candles. Must be no less then 10 ft. candles at 100 cm or at the max SID, whichever is less. (12 VAC 5-481-1621-D2b). <8 ft. candles **SERIOUS;** 8-10 ft. candles **NON-SERIOUS**
				12. kVp error ± _____% of indicated kVp at _____ kVp (12 VAC 5-481-1621-A4). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS**
				13. Timer error ± _____ % of indicated ms/pulse at _____ ms/pulse (12 VAC 5-481-1621-A4). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**
				14. Other/Remarks: