**Dental Intraoral Radiographic Systems**

**EVALUATION CRITERIA**

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1. Warning label is not present (12 VAC 5-481-1600-1). **NON-SERIOUS.**

2. HVL at ___ kVp is ___ mm Al. Minimum is ___ mm Al (12 VAC 5-481-1600-5). Deficiency of ≤ 0.2 mm **NON-SERIOUS,** deficiency of > 0.2 mm **SERIOUS.**

3. Multiple tubes are controlled from one control panel, but indication of the selected tube is not present at both the ___ panel and the ___ selected tube (12 VAC 5-481-1600-6). One missing, **NON-SERIOUS,** both missing, **SERIOUS.**

4. Tubehead does not remain stationary in the exposure position (12 VAC 5-481-1600-7). **SERIOUS.**

5. Diameter of X-ray field is ___ cm. Maximum allowable is: 7 cm with SSD ≥ 18 cm, 6 cm with SSD < 18 cm (12 VAC 5-481-1630 B). Excess of < 1 cm, **NON-SERIOUS,** excess of ≥ 1 cm, **SERIOUS.**

6. Radiographic control does not require constant operator pressure or does not terminate the exposure properly (12 VAC 5-481-1630 C3). **SERIOUS.**

7. Exposure reproducibility: coefficient of variation % at a technique setting of ____________ (12 VAC 5-481-1630 D). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**

8. Timer reproducibility: coefficient of variation % at a technique setting of ____________ (12 VAC 5-481-1630 D). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**

9. Radiographic control switch not permanently located in an appropriate protected area or on a stretch cord of sufficient length as required (12 VAC 5-481-1630 C5). **SERIOUS.**

10. Radiographic control not equipped with both visual and audible indication of X-ray production (12 VAC 5-481-1630 C2). **NON-SERIOUS.**

11. Unit not equipped with an open ended shielded position indicating device (12 VAC 5-481-1630 B). **NON-SERIOUS.**

12. kVp accuracy ± % of indicated kVp at ___ kVp (12 VAC 5-481-1630 F). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**

13. Timer accuracy ± % of indicated msec/pulse at ___ msec/pulse (12 VAC 5-481-1630 F). > 10% to < 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**

14. Exposure data: Projection: ____________ technique factors: kVp ___ mA ___ m sec/pulse ____________ inches/cm SID. Exposure results: ____________ m R. (12 VAC 5-481-1590-9b).

15. Type of Imaging System: ________ Film Speed, ________ Digital, ________ CR, ________ Other

16. Other/Remarks: