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### Evaluation Criteria

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

2. HVL ___ kVp is ___ mm A1. Minimum is ___ mm A1 (12 VAC 5-481-1600-5). Deficiency of ≤ .2 mm **NON-SERIOUS,** deficiency of > .2 mm **SERIOUS.**

3. Primary barrier does not intercept the entire beam at all SIDs (12 VAC 5-481-1610-1a). **SERIOUS.**

4. X-rays may be produced when primary barrier is not in position to intercept the beam (12 VAC 5-481-1610-1a). **SERIOUS.**

5. The length ___ width ___ of X-ray field exceeds that of the visible area by ___% of the SID and/or the sum of both percentages is ___% (12 VAC 5-481-1610-2b). > 3% to < 6% of one or > 4% to < 8% of both, **NON-SERIOUS,** ≥ 6% of one or ≥ 8% of both, **SERIOUS.**

6. Fluoroscopic beam limitation failure (12 VAC 5-481-1610-1b4). **SERIOUS.**

7. Fluoroscopic control does not require constant operator pressure (12 VAC 5-481-1610-2). **SERIOUS.**

8. Maximum entrance exposure rate is ___ R/min (Systems without HLC, 12 VAC 5-481-1610-3). > 10 to < 12 R/min **NON-SERIOUS,** ≥ 12 R/min **SERIOUS.**

9. Maximum entrance exposure rate is ___ R/min without HLC activated: is ___ R/min with HLC activated (Systems with HLC, 12 VAC 5-481-1610-3). Not activated: > 10 to < 12 R/min **NON-SERIOUS,** ≥ 12 R/min **SERIOUS.** HLC activated: > 20 to < 23 R/min **NON-SERIOUS,** ≥ 23 R/min **SERIOUS.** During recording of fluoroscopic images, pulsed, or cine: no upper limit restriction.

10. Barrier transmission rate is ___ mR/hr per entrance exposure rate (12 VAC 5-481-1610-4). > 2 to < 4 mR/hr **NON-SERIOUS,** ≥ 4 mR/hr **SERIOUS.**

11. Minimum source to skin distance is ___ cm. Minimum allowed is: 38 cm (stationary, installed after 9/1/80); 35.5 cm (stationary, installed before 9/1/80); 30 cm (mobile); 20 cm (special surgical applications); 9 cm (all portables when used for special applications) (12 VAC 5-481-1610-6). **NON-SERIOUS.**

12. Five minute timer is not present or does not operate properly (12 VAC 5-481-1610-7). **NON-SERIOUS.**

13. Scatter radiation from above the table is not attenuated by at least 25 mm lead equivalent (except special procedures) (12 VAC 5-481-1610-8b). **NON-SERIOUS.**

14. Scatter radiation from under the table is not attenuated by at least 25 mm lead equivalent (except special procedures) (12 VAC 5-481-1610-8a). **SERIOUS.**

15. kVp accuracy is ± ___% of indicated kVp at ___ kVp (12 VAC 5-481-1620F). > 10% to 15% **NON-SERIOUS,** ≥ 15% **SERIOUS.**

16. Other/Remarks: