

## Proposed Regulations

### The original wording

#### 8.12 Special Requirements for General Purpose Radiographic Equipment

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##### 8.12.3.2 Accuracy for a Diagnostic X-ray System with Any Certified Component

8.12.3.2.1 If manufacturer recommendations regarding exposure settings are available, those shall be followed.

8.12.3.2.2 If manufacturer recommendations are not available, the following criteria shall be use used:

8.12.3.2.2.1 The kVp shall not deviate from indicated values by more than 7%.

8.12.3.2.2.2 The timer accuracy shall not deviate from indicated values by more than:

8.12.3.2.2.2.1 Ten percent for an indicated time of greater than 20 milliseconds; or

8.12.3.2.2.2.2 Fifty percent for an indicated time of 20 milliseconds or less, or 1 pulse, whichever is greater.

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8.12.5.1 The quality control and quality assurance procedures shall be consistent with Section 8.10 and shall follow:

8.12.5.1.1 Recommendations of the manufacturer:

8.12.5.1.2 Recommendations of a Qualified Medical Physicist; and/or

8.12.5.1.3 Standards of one of the following nationally recognized organization:

....

**Dept of Health new proposal**

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8.12.3.2.2.2.2 Fifty percent for an indicated time of 20 milliseconds or less, or 1 pulse, whichever is greater.

***8.12.3.2.3 Criteria that is more protective of patient health than the criteria identified in section 8.12.3.2 may be utilized.***

## Proposals from Dr. Savard and myself

### Option A) presented at last meeting

8.12.3.2 Accuracy for a Diagnostic X-ray System with Any Certified Component

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8.12.3.2.2.2.2 Fifty percent for an indicated time of 20 milliseconds or less, or 1 pulse, whichever is greater.

8.12.3.2.3 *For new technology or in unique applications of existing technology, manufacturer recommended criteria may be followed if the preceding criteria is inappropriate in the view of the Qualified Medical Physicist.*

### Option B) offered in email to Dept of Health

8.12.3.2 Accuracy for a Diagnostic X-ray System with Any Certified Component

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8.12.3.2.2 ~~If manufacturer recommendations are not available, the following criteria shall be use used:~~

8.12.3.2.2.1 The kVp shall not deviate from indicated values by more than 7%.

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8.12.3.2.2.2.1 Ten percent for an indicated time of greater than 20 milliseconds; or

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**Option C) New**

8.12.3.2 Accuracy for a Diagnostic X-ray System with Any Certified Component

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8.12.3.2.2 ~~If manufacturer recommendations are not available,~~ the following criteria shall be use used:

8.12.3.2.2.1 The kVp shall not deviate from indicated values by more than 7%.

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8.12.3.2.2.2.1 Ten percent for an indicated time of greater than 20 milliseconds; or

8.12.3.2.2.2.2 Fifty percent for an indicated time of 20 milliseconds or less, or 1 pulse, whichever is greater.