

The regulation in RED became effective January 24, 2019. The new regulations are expected to be adhered to. However, our inspectors are advised to make the first inspection under the new regulations a compliance assistance experience and should not be issuing violations related to the new regulations initially, but rather explaining what is a violation and how to correct it. A follow-up inspection may then occur to assure compliance has been met sometime within a year. Also, please note that the DEP generally expects registrants to be compliant within one year from the publication date above.

## **PA CODE CHAPTER 221. X-RAYS IN THE HEALING ARTS**

### **§ 221.50. Facilities using CR or DR.**

- (a) When exposure indicators are available, the facility shall establish, document and post an acceptable range for the exposure values for examinations routinely performed at the facility. The indicated exposure values for each image shall be compared to the established range. Consistent deviations from established ranges shall be investigated, corrective actions taken as necessary and results documented.
- (b) Facilities shall establish and follow an image QC program in accordance with the recommendations of a QMP, the system manufacturer or a nationally-recognized organization.
- (c) **Facilities other than dental, podiatric and veterinary shall complete phantom image evaluation using a phantom approved by a QMP, system manufacturer or the Department. The evaluation shall be completed on a quarterly basis and include, at a minimum, all of the following:**
  - (1) Artifacts.**
  - (2) Spatial resolution.**
  - (3) Contrast/noise.**
  - (4) Workstation monitors.**
  - (5) Exposure indicator constancy.**
- (d) In addition to subsections (a)—(c), CR facilities shall erase all CR cassettes, at a minimum, on a weekly basis.
- (e) Dental and podiatric facilities shall maintain and operate photostimulable storage phosphor and DDR systems in accordance with manufacturer specifications.
- (f) The facility shall maintain records for 5 years for inspection by the Department.

## **PHANTOMS**

It does not have to be FUJI but something comparable is good. Suggestions:

1. Fuji One Shot phantom
2. Nuclear Associates 07-605-7777 EZ CR-DIN
3. Ludlum Model L-777, part number 99-9412

If the exposure indicator isn't available, then the registrant would need to state that fact and then provide all other information necessary in the regulation for now.