**SHIELDING PLAN REQUIREMENTS KENTUCKY**

**902 KAR 100:160, 902 KAR 100:105 2(4) i**

**Who Needs Shielding Plans:**

1. All diagnostic medical X-ray units installed at new facilities.
2. Relocation of a unit within a facility or to a new facility.
3. All installations of therapeutic X-ray or accelerator units.
4. All installations of stationary X-ray equipment at veterinary offices.
5. All dental cephalometric, dental CTs, CBCT (3D) and TMJ units.
6. Podiatry units.
7. Mammography units.
8. Replacement, modifications or increased workloads to existing units.
9. All medical mobile and or portable X-ray equipment used for more than one week in one location (902 KAR 100:120 Section 5 (3),(4),(5)).

\*Existing facilities that have not filed shielding plans are subject to review. Inspectors may, at their own discretion, request that a facility perform a shielding plan evaluation in order to ensure compliance with the exposure limit requirements of 902 KAR 100. A facility failing to comply with the request may be found in violation of 902 KAR 160 Section 2. (See additionally 902 KAR 100:15 Section 2 and 8).

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| 902 KAR 100:160 Section 2. Prior to construction or modification of an x-ray facility, the plans and specifications for construction or modification shall be evaluated by a qualified expert. A report of his evaluation shall be submitted to the Cabinet for review and approval. |  |

**Shielding Plans Not Required For:**

1. Dental intraoral units.
2. Most self-shielded industrial equipment and analytical X-ray equipment.
3. Bone density units (DEXA).
4. Portable veterinary X-ray units or veterinary dental units.
5. Mobile c-arms or portable units that are frequently moving between surgical suites, rooms etc. (If does not meet frequency of use under 902 KAR 100:120 (5)).

**To Submit Shielding Plans:**

For new facilities you will need to fill out an application first to receive a registration number. For existing facilities: fill out a Shielding Plan coversheet and attach your payment. Please see fee schedule 902 KAR 100:12. Diagnostic facilities shielding plan reviews are $600 and linear accelerators reviews are $1,500. Checks need to be made out to the **Kentucky State Treasurer** and mailed into the branch at:

**Radiation Health Branch Email: RPM@ky.gov**

**275 East Main Street, HSAC-A**

**Frankfort, KY 40621 (policy updated 11/22)**