

Posting Required By Title 17 §30255(b)(2)

**RADIATION SAFETY RULES FOR**  
**RADIOGRAPHIC AND FLUOROSCOPIC UNITS**

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Pursuant to Title 17, "California Radiation Safety Control Regulations," owner/registrant is responsible for radiation safety and for assuring that only competent persons operate the X-ray machines under her/his jurisdiction. The registrant must establish rules for radiation safety and require that each operator demonstrates familiarity with the rules. All personnel operating this equipment shall comply with the following rules:

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- No X-ray worker shall be used to hold patients or films except in an emergency and no person shall be regularly used for this service [17CCR §30308 (b1)]
- Careful collimation shall be used to restrict the X-ray beam to the size of the film or smaller [17CCR §30307(a4B) and §30308(b3)]
- The operator must make use of the appropriate operator and patient radiation protection devices, e.g., lead aprons, gonadal shield, etc. [17 CCR §30307 and §30308]
- Personnel monitoring devices must be worn when they are provided or required. The monitoring device must be worn on the collar outside the apron when a lead apron is worn. [17CCR §30276 and §30308]
- Protective lead aprons shall be worn in the fluoroscopy room by operating staff. [17 CCR §30307 (b1)]
- The operator of a mobile x-ray unit shall stand at least six feet from the patient and well away from the useful beam. The operator shall wear a protective lead apron and personnel monitoring device. [17 CCR §30309]
- No radiological technologist may operate a fluoroscope for diagnostic purposes unless licensed by the State of California, Department of Health Services.
- Fluoroscopic tube current and potential must be monitored and recorded at least once each week to determine correct operation. [17 CCR §30307 (b2)]
- **NOTE: FAILURE TO OBTAIN DIAGNOSTIC QUALITY RADIOGRAPHS WITH THE LEAST EXPOSURE TO THE PATIENT FOR THE X-RAY EXAMINATION REQUIRED MEANS FAILURE TO MEET THE ACCEPTED STANDARD OF CARE.**

**(A.L.A.R.A.-AS LOW AS REASONABLY ACHIEVABLE)**

**Notices Provided by: Quality Assurance Services, Inc. -Medical Physicists (888) 727-2550**