



25 Years of  
Safety Regulation  
1983 - 2008

परमाणु  
ऊर्जा  
नियामक  
परिषद



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

Atomic  
Energy  
Regulatory  
Board



NOTICE

**STATUTORY REQUIREMENTS FOR INSTALLATION AND SAFE OPERATION OF  
MEDICAL X-RAY MACHINES BY HOSPITALS, CLINICS AND OTHER MEDICAL  
INSTITUTIONS IN INDIA**

Owners of diagnostic facilities using equipments incorporating X-ray generators such as Radiography/ Fluoroscopy units, CT Scanners, Mammography units, Dental X-ray units, Bone Scanners, etc., in India should comply with the following regulatory requirements :

- Get registered with Atomic Energy Regulatory Board
- Install AERB Type Approved X-ray units
- Get the plan of the X-ray installation approved by Atomic Energy Regulatory Board
- Carry out Quality Assurance Performance Tests of the X-ray unit once in two years
- Employ qualified staff
- Provide personnel monitoring badges for staff members associated with the operation of X-ray machines
- Comply with AERB Safety Codes No. AERB/SC/MED-2 (Rev-1) 2001

**All the manufacturer or supplier of medical X-ray units shall install AERB approved X-ray units in AERB approved rooms.**

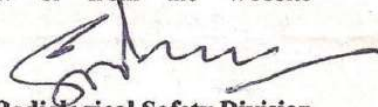
For more information on the above, please contact the undersigned.

Medical X-ray installations will be subjected to periodic inspection by personnel authorized under Section 17 of the Atomic Energy Act, 1962, by Chairman, AERB who is the competent authority for enforcing provisions of radiation safety in the use of ionizing radiation. **Non-compliance with the regulatory requirements could result in closure of the X-ray installations.**

Regulatory documents concerning requirements for safety operation of medical X-ray machines are :

- Atomic Energy Act, 1962
- Atomic Energy (Radiation Protection) Rules, 2004
- Radiation Surveillance Procedures for Medical Applications of Radiation, 1989
- AERB Safety Code No. AERB/SC/MED-2 (Rev-1) 2001

These documents and the application form for registration of the X-ray unit can be obtained from AERB office at the address given below or from the Website "<http://www.aerb.gov.in>"

  
**Head, Radiological Safety Division  
Atomic Energy Regulatory Board  
Niyamak Bhavan, Anushaktinagar  
Mumbai 400 094**



ISO 9001:2000  
Organisation

नियामकभवन, अणुसक्तिनगर, मुंबई - 400 094  
NIYAMAK BHAVAN, ANUSHAKTINAGAR, MUMBAI - 400 094

दूरभाष / TELEPHONE : 91-22-2557 2989-91, 93-95, 2599 0100  
फैक्स / FAX : 91 - 22 - 2556 5717, 2556 2344, 2558 3230  
वेबसाइट / WEBSITE : [www.aerb.gov.in](http://www.aerb.gov.in)



**RADIOLOGICAL SAFETY DIVISION**

Ref: AERB/RSD/PMS-Lab/

Feb. 02, 2009

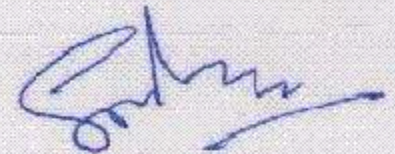
**TO WHOMSOEVER IT MAY CONCERN**

**STATUTORY REQUIREMENTS FOR PROVISION OF PERSONNEL  
MONITORING SERVICE TO RADIATION WORKERS OF MEDICAL  
DIAGNOSTIC X-RAY INSTALLATIONS INCLUDING CT SCAN CENTRES**

Owners of diagnostic facilities using equipments incorporating X-ray generators such as Radiography/Fluoroscopy units, CT Scanners, Mammography Units, Dental X-ray Units, Bone scanners etc., should comply with the following requirement regarding provision of personnel radiation monitoring facility to all the radiation workers in their employment:

As per Atomic Energy (Radiation Protection) Rules, 2004 and AERB Safety Code No. AERB/SC/MED-2(Rev-1) 2001, it is mandatory to provide and continue personnel monitoring services/badges to all the radiation workers. It is the responsibility of the employer to ensure radiation safety of all the radiation workers and the members of public by scrupulously adhering to the radiation safety regulations prescribed by the Atomic Energy Regulatory Board and the failure to comply with the regulations may entail regulatory action under provisions of above Atomic Energy (Radiation Protection) Rules.

Hence, it is advised that the users i.e. the Medical Diagnostic Installations comply with this necessary and basic requirement.

  
(S.P. Agarwal)