

QUALITY ASSURANCE SERVICES FOR MEDICAL X-RAY DIAGNOSTIC EQUIPMENTS AS PER AERB GUIDELINES



One of the fundamental goals in Diagnostic Radiology is to provide the best possible output with minimum radiation dose and at a minimum cost to the patient and institution. To achieve this goal it is essential that a Quality Assurance (QA) and Surveillance program be developed and implemented in all X-ray source diagnostic departments.

Compliance Radiation Testing (QA) comprises one of the main statutory requirements for safe and controlled operation of the radiation source equipment. It is equally important to focus on safety aspect of the radiation worker (technician) handling the equipment, the patient undergoing the test and others in the immediate vicinity of the installation.

Compulsory Regulatory Requirements:

- ◆ AERB – Every Two Years
- ◆ NABH – Every Year
- ◆ ISO Certification – Every Year



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We provide quality assurance for the following X Ray Equipment:

- X-ray (fixed & Mobile) / DR System
- Cathlab
- C Arm machines
- Dental X-rays
- Orthopentogram(OPG)
- Cone beam CT (CBCT)
- Bone mineral densitometer
- Mammography
- CT Scans



Scope of QA/QC services:

- AERB guidelines are strictly followed and implemented.
- **Reports are prepared as per AERB format.**
- **NABH QA/QC guidelines are followed.**
- Lead Aprons Testing's
- Radiation Area Surveillance test's conducted
- Radiation Leakage Testing's performed.

Why you should consider KVS?:

- AERB/BARC trained and qualified Engineers will conduct QA/QC testing's
- Most Reliable, Efficient and time bound services
- Assistance on AERB Registration/Licensing of the Equipment
- Technical support on Room Planning and Layout Approvals
- Radiation Safety & Protection Training to Radiographers/Technicians
- Professional & Cost Effective Services
- Dedicated technical support

About Company:

KVS Healthcare Solutions is established with a aim to offer Radiation Safety Consultancy services for Medical Diagnostic X Ray Equipment by meeting every conditions prescribed by the **Atomic Energy Regulatory Board (AERB)**, Government of India. We strictly implement AERB guidelines by Following & Obeying the AERB Radiation protection rules and safety (2004).

We strive to provide complete Quality Assurance (QA) and Quality Compliance (QC) test's on all Diagnostic X Ray Equipment's to meet AERB and NABH quality assurance guidelines. Reports are generated as per AERB reporting format and these QA/QC Reports are statutory for any license / renewal, JCI/ NABH/ ISO audit, etc.

Services Offered:

- Quality Assurance of Medical X Ray Equipments
- Radiation Safety Services and Surveys
- Regulatory Compliance Consulting
- Radiation Safety Protection and Training
- Supply of Radiation Survey Meters



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