



25 Years of
Safety Regulation
1983 - 2008

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Page 1/2

अध्यक्ष
CHAIRMAN

Ref: AERB/RSD/MDX/Sp-order/2012/ 14316

November 26, 2012

Subject: Prescribed qualifications and experience for personnel in medical X-ray installations

With reference to the amendment to AERB Safety Code issued vide Ref: No. AERB/RSD/MDX/SC-Amendment/2012/14285 dated 26/11/2012, the qualifications and experience for personnel in medical x-ray installations (Ref. Sections 5.1.1, 5.1.3 and 5.1.4) is prescribed as under:

I) Radiological Safety Officer (RSO)

Minimum Qualifications and Experience required for designation of RSO for:

A) * Manufacturer/Supplier/ Service Agencies of diagnostic x-ray equipment

- iv) Degree/ Diploma in Electrical /Electronic /Biomedical /Mechanical Engineering or in an associated discipline/Basic degree in Science with Physics as one of the subject from a recognized University/Institution, and
- v) Certification of successful completion of training course on "Radiation Safety and Quality Assurance in Diagnostic Radiology" conducted by authorized agencies, and
- vi) A certification from the competent authority

Note: * The candidate with above qualifications can be nominated as RSO for all types of Medical X-ray Installations.

**B) Licence category Medical X-ray Installations
(Computed Tomography and Interventional Radiology facilities)**

- i) Radiologist/Related Medical Practitioner
or
X-ray Technologist passed from a recognized institution with three years working experience in the field of computed tomography/interventional radiology facility.
or
AERB approved Radiological Safety Officer at the institutions, where radiotherapy or nuclear medicine facility is available, can be designated as RSO of DR facility for that institution subject to the submission of undertaking for ensuring radiation safety in DR facilities,
and
- ii) A certification from the competent authority



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C) Registration category Medical X-ray Installations
(General purpose diagnostic x-ray facilities)

Appropriate registrant shall be assigned the responsibilities of RSO subject to furnishing "Undertaking" that he/she is familiar with the regulatory requirements and radiation protection aspects of medical x-ray installation.

II) **X-ray technologist:**

Radiographer's /X-ray technologist's course (including in-field training in diagnostic radiology) passed from a recognized institution/Board/University.

III) **Service Engineer:**

- iii) Degree/ Diploma in Electrical /Electronic /Biomedical /Mechanical engineering or in an associated discipline/Basic degree in Science with Physics as one of the subject from a recognized University/Institution, and
- iv) Certification of successful completion of training course on "Radiation Safety and Quality Assurance in Diagnostic Radiology" conducted by authorized agencies.


(Chairman, AERB)

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