

Radiation Management

Radiation Producing Machine Qualified Inspector Registration/Certification

X-ray regulations protect the public health and occupational workers from unnecessary radiation exposure from X-ray producing machines. This is achieved by inspection of all radiation-producing machines in Colorado except in federal facilities. A registration program has been developed that authorizes non-departmental qualified inspectors to perform evaluations on these machines.

Who Can Apply

In order to become a qualified inspector/Registered Medical Physicist, the applicant must show they have the appropriate education, certification and experience related to radiation-producing machines. The general requirements are noted below.

Education/Certification Preparation

Experience

Board-certified in Diagnostic Radiological Physics or Radiological Physics by the American Board of Radiology; or board-certified in Diagnostic Imaging Physics by the American Board of Medical Physics	N/A
Other Board certifications by the American Board of Radiology or comprehensive certification by the American Board of Health Physics	6 months
Doctorate or Masters	1 year
BA/BS	2 years
Associate Degree	3 years

The formal education shall be in a related field discipline, such as medical physics, health physics, physics, biophysics, biomedical engineering, radiologic physics, or equivalent from an accredited college or university.

In addition to the above requirements, an applicant needs to demonstrate proficiency of the appropriate provisions of the Regulations Pertaining to Radiation Control, 6 CCR 1007-1.

Application Process

Any person requesting departmental approval to be a Qualified Inspector/Registered Medical Physicist must submit an application available from the Department (Form R-53). The Department will notify the applicant in writing if they have been approved to perform certification evaluations of radiation machines and facilities. A person who has been approved as a Qualified Inspector/Registered Medical Physicist can continue to perform their existing approved activities as long as they file a complete renewal application (Form R-53) at least 30 days prior to their certification expiration date. The existing authorization will not expire until there is a final action by the Department.

Duration of Certificate

2 years

Fees

\$160

Public Participation

There are no public participation requirements necessary for this certificate.

Statutes and Regulations

CRS 25-11-104 (8)

Rules and Regulations Pertaining to Radiation Control, 6 CCR 1007-1

Division Contact

Customer Technical Assistance

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