

10A NCAC 15 .0206 TRAINING AND EDUCATIONAL REQUIREMENTS TO PROVIDE SERVICES

(a) A person registered to provide services pursuant to Rule .0205 of this Section shall be qualified by reason of education, training, and experience to provide the services for which registration is requested. The following are the minimum qualifications for each service class:

- (1) Class I - direct sales, transfer, leasing, lending, demonstration, or manufacturer training for the use of radiation machines or radiation generating devices: The applicant shall certify all persons providing services are knowledgeable, familiar, and comply with the rules which govern the possession, installation, and use of radiation machines in North Carolina.
- (2) Class II - installation or service to verify performance associated with the installation or service:
 - (A) manufacturer's equipment school for service, maintenance, and installation for the type of radiation machine used for dental hand-held, intraoral, and extra-oral, medical diagnostic, or medical fluoroscopic, radiation generation devices, or equivalent training;
 - (B) training in basic principles of radiation protection; and
 - (C) three months of experience in the installation and service of radiation machines, radiation generating devices, and machine components services are required.
- (3) Class III - shielding design for diagnostic radiographic facilities:
 - (A) training in basic principles of radiation protection;
 - (B) training in shielding design for each modality registering to provide services; and
 - (C) one year of experience in diagnostic radiographic facility and shielding for each type of machine application.
- (4) Class IV - shielding design for diagnostic fluoroscopic facilities:
 - (A) training in basic principles of radiation protection;
 - (B) training in shielding design for each modality registering to provide services; and
 - (C) one year of experience in diagnostic fluoroscopic facility and shielding for each type of machine application.
- (5) Class V - area radiation surveys and shielding evaluation for diagnostic radiographic and fluoroscopy facilities:
 - (A) training in basic principles of radiation protection;
 - (B) training in shielding evaluation for each modality registering to provide services; and
 - (C) one year of experience performing area radiation surveys for each type of machine application.
- (6) Class VI - radiation instrument calibration: The applicant must possess a current radioactive materials license or registration authorizing radiation instrument calibration.
- (7) Class VII - therapeutic facility and shielding design, area radiation survey, or verification:
 - (A) certification by the American Board of Radiology in therapeutic radiological physics, radiological physics, roentgen-ray and gamma ray physics, or x-ray and radium physics;
 - (B) certification by the American Board of Medical Physics;
 - (C) doctorate degree in medical physics or related field; or
 - (D) have a master's degree in physics, biophysics, radiological physics, nuclear engineering, or health physics, one year of full-time training in therapeutic radiological physics, one year of full-time experience in a therapeutic facility including personal calibration and spot-check of at least one machine, submit a description of the procedures that will be utilized in performing therapeutic calibrations including a list of all guides and references to be employed, submit a copy of all forms, reports, and documents that will be supplied to customers; and submit one sample of each type of therapy modality service provided.
- (8) Class VIII - providing individual monitoring dosimetry: The applicant must hold current personnel dosimetry accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology or use NVLAP-accredited dosimetry.
- (9) Class IX - general health or medical physics consulting shall be performed by a person meeting one of the following requirements:
 - (A) certified by the American Board of Health Physics in health physics in the appropriate field or specialties for services provided;
 - (B) certified by the American Board of Medical Physics;
 - (C) certified by the American Board of Radiology in therapeutic radiological physics, radiological physics, roentgen-ray and gamma ray physics, x-ray and radium physics; or

(D) hold a master's or doctorate in physics, medical physics, other physical science, engineering, or applied mathematics, from an accredited college or university, and have 40 hours of practical training or supervised experience in x-ray physics.

(b) Any person registered to provide Class IX services prior to the effective date of this Rule and holding a baccalaureate degree in physical science of physics, chemistry, or radiologic science, engineering or related field, and having two years of progressive experience in medical or health physics, or two years of graduate training in medical or health physics, is exempt from the requirements in Parts (a)(9)(A) through (D) of this Rule, provided he or she is in good standing with the agency.

(c) The agency shall initiate action to terminate the registration of any person who fails to meet the requirements of this Rule.

History Note: Authority G.S. 104E-7; 104E-13;

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