



## Ohio Administrative Code

### Rule 3701:1-58-19 Training for an authorized medical physicist.

Effective: August 15, 2021

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Except as provided in rule 3701:1-58-21 of the Administrative Code, the licensee shall require the authorized medical physicist to be an individual who:

(A) Is certified by a specialty board whose certification process has been recognized by the director, the United States nuclear regulatory commission, or an agreement state and who meets the requirements in paragraph (C) of this rule. The names of board certifications which have been recognized by the director, the United States nuclear regulatory commission, or an agreement state will be posted on the United States nuclear regulatory commission's "Medical Uses Licensee Toolkit" web page at [www.nrc.gov](http://www.nrc.gov). To have its certification process recognized, a specialty board shall require all candidates for certification to:

(1) Hold a master's or doctor's degree in physics, medical physics, other physical science, engineering, or applied mathematics from an accredited college or university;

(2) Have two years of full-time practical training and/or supervised experience in medical physics:

(a) Under the supervision of a medical physicist who is certified in medical physics by a specialty board whose certification process has been recognized under this rule by the director, the United States nuclear regulatory commission, or an agreement state; or

(b) In clinical radiation facilities providing high-energy, external beam therapy with photons and electrons with energies greater than or equal to one million electron volts and brachytherapy services under the direction of physicians who meet the requirements for authorized users in rule 3701:1-58-21, 3701:1-58-51, or 3701:1-58-71 of the Administrative Code; and

(3) Pass an examination, administered by diplomates of the specialty board, that assesses knowledge and competence in clinical radiation therapy, radiation safety, calibration, quality assurance, and treatment planning for external beam therapy, brachytherapy, and stereotactic radiosurgery; or



(B)

(1) Holds a master's or doctor's degree in physics, medical physics, other physical science, engineering, or applied mathematics from an accredited college or university; and has completed one year of full-time training in medical physics and an additional year of full-time work experience under the supervision of an individual who meets the requirements for an authorized medical physicist for the type(s) of use for which the individual is seeking authorization. This training and work experience must be conducted in clinical radiation facilities that provide high-energy, external beam therapy with photons and electrons with energies greater than or equal to one million electron volts and brachytherapy services and must include:

(a) Performing sealed source leak tests and inventories;

(b) Performing decay corrections;

(c) Performing full calibration and periodic spot checks of external beam treatment units, stereotactic radiosurgery units, and remote afterloading units as applicable; and

(d) Conducting radiation surveys around external beam treatment units, stereotactic radiosurgery units, and remote afterloading units as applicable; and

(2) Has obtained written attestation that the individual has satisfactorily completed the requirements in paragraphs (B)(1) and (C) of this rule, and is able to independently fulfill the radiation safety-related duties as an authorized medical physicist for each type of therapeutic medical unit for which the individual is requesting authorized medical physicist status. The written attestation must be signed by a preceptor authorized medical physicist who meets the requirements in rule 3701:1-58-19 or 3701:1-58-21 of the Administrative Code or equivalent United States nuclear regulatory commission or agreement state requirements for an authorized medical physicist for each type of therapeutic medical unit for which the individual is requesting authorized medical physicist status.

(C) Has training for the type(s) of use for which authorization is sought that includes hands-on device operation, safety procedures, clinical use, and the operation of a treatment planning system.



This training requirement may be satisfied by satisfactorily completing either a training program provided by the vendor or by training supervised by an authorized medical physicist authorized for the type(s) of use for which the individual is seeking authorization.