

Ohio Department of Health

Radiation Safety Officer Training and Experience and Preceptor Attestation

[OAC 3701:1-58-18]

Name of Proposed Radiation Safety Officer _____

Requested Authorization(s): License number _____ authorizes the following medical uses

(Check all that apply)

- 3701:1-58-32
 3701:1-58-34
 3701:1-58-37
 3701:1-58-43
 3701:1-58-53
 3701:1-58-55 (remote afterloader)
- 3701:1-58-55 (teletherapy)
 3701:1-58-55 (gamma stereotactic surgery)
 3701:1-58-72 (_____)

PART I – TRAINING AND EXPERIENCE (Select one of the four methods below)

In accordance with OAC 3701:1-58-22 the training and experience, including board certification, must have been obtained within seven years preceding the date of the application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

- 1. Board Certification** [3701:1-58-18(A)(1), (A)(2), or (C)(1)]
- a. Provide a copy of the board certification. (A list of approved board certifications is located at <http://www.nrc.gov/materials/miau/med-use-toolkit/spec-board-cert.html>)
 - b. For medical physicists under 3701:1-58-18(C)(1), identify in an attachment where experience in radiation safety for similar types of use of radioactive material was obtained by the proposed radiation safety officer.
 - c. Use Table 3.c to describe the training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license. [3701:1-58-18(E)]
 - d. Skip to and complete Part II Preceptor Attestation [3701:1-58-18(D)]

OR

- 2. Current Radiation Safety Officer Seeking Authorization to Be Recognized as a Radiation Safety Officer for the Additional Medical Uses Listed Above.**
- a. Use the table in section 3.c to describe training in radiation safety, regulatory issues, and emergency procedures for the additional types of medical use for which recognition as RSO is sought. [3701:1-58-18(E)]
 - b. Skip to and complete Part II Preceptor Attestation [3701:1-58-18(D)]

OR

- 3. Structured Educational Program for Proposed Radiation Safety Officer** [3701:1-58-18(B)(1)]
- a. Classroom and Laboratory Training [3701:1-58-18(B)(1)(a)]

Description of Training	Location of Training	Clock Hours	Dates of Training
Radiation physics and instrumentation			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Radiation biology			
Radiation dosimetry			
	Total hours of training		

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PART I – TRAINING AND EXPERIENCE (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience [3701:1-58-18(B)(1)(b)]

(if more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section)

Description of Experience	Location of Training & License Number of Facility	Dates of Training
Shipping, receiving, and performing related radiation surveys		
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides		
Securing and controlling radioactive material		
Using administrative controls to avoid mistakes in administration of radioactive material		
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures		
Using emergency procedures to control radioactive materials		
Disposing of radioactive material		
Licensed material used (See* below)		

* OAC 3701:1-58-32, 3701:1-58-34, 3701:1-58-37, 3701:1-58-43, 3701:1-58-53, 3701:1-58-55 (remote afterloaders, teletherapy units, gamma stereotactic radiosurgery units), emerging technologies (list units)

If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.

Supervising Individual	License number listing the supervising individual as the Radiation Safety Officer
<p>The license authorizes the following medical uses:</p> <p> <input type="checkbox"/> 3701:1-58-32 <input type="checkbox"/> 3701:1-58-34 <input type="checkbox"/> 3701:1-58-37 <input type="checkbox"/> 3701:1-58-43 <input type="checkbox"/> 3701:1-58-53 <input type="checkbox"/> 3701:1-58-55 (remote afterloader) <input type="checkbox"/> 3701:1-58-55 (teletherapy) <input type="checkbox"/> 3701:1-58-55 (gamma stereotactic surgery) <input type="checkbox"/> 3701:1-58-72 (_____) </p>	

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PART I – TRAINING AND EXPERIENCE (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license [3701:1-58-18(E)]

Description of Training	Training Provided By	Dates of Training
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-32, 3701:1-58-34, and 3701:1-58-53 uses		
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-37 uses		
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-43 uses		
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-55 – teletherapy uses		
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-55 – remote afterloader uses		
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-55 – gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues and emergency procedures for OAC 3701:1-58-72 – specify uses:		

<p>Supervising Individual <i>If training was provided by supervising RSO, AU, AMP or ANP (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)</i></p>	<p>License number listing the supervising individual</p>
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License lists supervising individual as

<input type="checkbox"/> Radiation Safety Officer	<input type="checkbox"/> Authorized User
<input type="checkbox"/> Authorized Nuclear Pharmacist	<input type="checkbox"/> Authorized Medical Physicist

The license authorizes the following medical uses:

<input type="checkbox"/> 3701:1-58-32	<input type="checkbox"/> 3701:1-58-34	<input type="checkbox"/> 3701:1-58-37	<input type="checkbox"/> 3701:1-58-43
<input type="checkbox"/> 3701:1-58-53	<input type="checkbox"/> 3701:1-58-55 (remote afterloader)	<input type="checkbox"/> 3701:1-58-55 (teletherapy)	
<input type="checkbox"/> 3701:1-58-55 (gamma stereotactic surgery)	<input type="checkbox"/> 3701:1-58-72 (_____)		

d. Skip to and complete Part II Preceptor Attestation.

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PART I – TRAINING AND EXPERIENCE (continued)

OR

4. Authorized User, Authorized Medical Physicist, or Authorized Nuclear Pharmacist Identified on the Licensee's License.
[3701:1-58-18(C)(2)]

- a. Use the table in section 3.c to describe the training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license. [3701:1-58-18(E)]
- b. Skip to and complete Part II Preceptor Attestation. [3701:1-58-18(D)]

PART II – PRECEPTOR ATTESTATION

[OAC 3701:1-58-18(D)]

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, and verifies the training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

Complete all four sections

Part II – Section I – (check one of the following four)

1. **Board Certification**

- I attest that (name of proposed RSO) _____ has satisfactorily completed the requirements in
- OAC 3701:1-58-18(A)(1)(a) & (b); or OAC 3701:1-58-18(A)(2)(a) & (b); or
- OAC 3701:1-58-18(C)(1) including experience with the radiation safety aspects of similar type of use of radioactive material for which the individual will have Radiation Safety Officer responsibilities.

OR

2. **Structured Educational Program for Proposed Radiation Safety Officers**

- I attest that (name of proposed RSO) _____ has satisfactorily completed a structural educational program consisting of both 200 hours of classroom and laboratory training and one full year of full-time radiation safety experience as required by OAC 3701:1-58-18(B)(1).

OR

3. **Additional Authorization as Radiation Safety Officer**

- I attest that (name of proposed RSO) _____ is an
- Authorized User Authorized Nuclear Pharmacist Authorized Medical Physicist
- identified on the licensee's license **AND** has experience with the radiation safety aspects of similar type of use of radioactive material for which the individual will have Radiation Safety Officer responsibilities. [3701:1-58-18(C)(2)]

OR

4. (Insert name) _____
Is the Current Radiation Safety Officer Seeking Authorization to Be Recognized as a Radiation Safety Officer for the Additional Medical Uses Listed Above.

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PART II – PRECEPTOR ATTESTATION (continued)

AND

Part II – Section II (check all that apply)

- I attest that (name of proposed RSO) _____ has training in the radiation safety, regulatory issues, and emergency procedures for the following types of use: [3701:1-58-18(E)]
- 3701:1-58-32 Use of unsealed radioactive material for uptake, dilution, and excretion studies for which a written directive is not required
 - 3701:1-58-34 Use of unsealed radioactive material for imaging and localization studies for which a written directive is not required
 - 3701:1-58-37 Oral administration of less than or equal to 33 millicuries of sodium iodide I-131 for which a written directive is required
 - 3701:1-58-37 Oral administration of greater than 33 millicuries of sodium iodide I-131 for which a written directive is required
 - 3701:1-58-37 Parenteral administration of a beta-emitter or gamma-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required
 - 3701:1-58-37 Parenteral administration of any other radionuclide for which a written directive is required
 - 3701:1-58-43 Use of sealed sources for manual brachytherapy
 - 3701:1-58-53 Use of sealed sources for diagnosis
 - 3701:1-58-55 Remote afterloaders
 - 3701:1-58-55 Teletherapy units
 - 3701:1-58-55 Gamma stereotactic radiosurgery units
 - 3701:1-58-72 Emerging technologies, including: _____

AND

Part II – Section III

- I attest that (name of proposed RSO) _____ has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee. [3701:1-58-18(D)]

AND

Part II – Section IV

I am the Radiation Safety Officer for (name of facility) _____

License number: _____ [3701:1-58-18(D)]

Preceptor Name	Preceptor Signature
Telephone number	Date