

NEBRASKA DEPARTMENT OF HEALTH AND HUMAN SERVICES

**DIVISION OF PUBLIC HEALTH - RADIOACTIVE MATERIALS PROGRAM
 APPLICATION FOR RADIOACTIVE MATERIAL LICENSE**

INSTRUCTIONS - (Use additional sheets where necessary.)

New or Renewal Application - Complete Items 1. through 15.

Amendment to License - Complete Items 1.a, 3., and 15. And indicate other changes as appropriate.

Retain one copy for your files and submit original application to: Department of Health and Human Services, Division of Public Health, Radiological Health, 301 Centennial Mall South, P.O. Box 95026, Lincoln, NE 68509-5026.

Upon approval of this application, the applicant will receive a Radioactive Material License, issued in accordance with the requirements contained in Title 180, Regulations for the Control of Radiation and the Nebraska Radiation Control Act.

<p>1.a Legal Name and Street address of Applicant (Institution, Firm, Person, etc.)</p> <p>Applicant Name: _____</p> <p>Address: _____</p> <p>_____</p> <p>City, State Zip +4: _____</p> <p>Telephone #: _____</p> <p>FAX #: _____</p> <p>E-Mail Address: _____</p>										
<p>1.b Street address(es) at which Radioactive Material will be used. (If different than 1.a)</p> <p>(1) Permanent Address: _____</p> <p>_____</p> <p>City, State Zip+4: _____</p> <p>(2) Temporary Job Sites Throughout Nebraska? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>										
<p>2. Department to Use Radioactive Material</p> <p>_____</p> <p>Person to Contact: _____</p> <p>Telephone #: _____</p>	<p>3. This is an application for:</p> <p><input type="checkbox"/> New License</p> <p><input type="checkbox"/> Amendment to License No. _____</p> <p><input type="checkbox"/> Renewal of License No. _____</p>									
<p>4. Individual User(s)</p> <p><input type="checkbox"/> Individual users approved by the Licensee's radiation safety committee.</p> <p><input type="checkbox"/> Individual users approved by the Licensee's radiation safety officer.</p> <p><input type="checkbox"/> Individual users satisfy the requirements of 180 NAC 3-013</p> <p>OR</p> <p><input type="checkbox"/> Name and Title of individual(s) who will use or directly supervise use of Radioactive Materials. Give training and experience in Items 7. And 8.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%; text-align: left;">First Name + Middle Initial</th> <th style="width: 33%; text-align: left;">Last Name</th> <th style="width: 33%; text-align: left;">Title</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	First Name + Middle Initial	Last Name	Title							<p>5. Radiation Safety Officer (RSO) (Name and Title of Individual designated as Radiation Safety Officer.)</p> <p>_____</p> <p>Telephone #: _____</p> <p>Attach documentation of his/her training and experience as in Items 7. and 8.</p> <hr/> <p style="text-align: center;">*Department Use Only*</p> <hr/> <p style="text-align: center;">Date Received Stamp</p>
First Name + Middle Initial	Last Name	Title								

6. Radioactive Material Data

Type B Broad Scope, 180 NAC 3-013.01, item 2

Type C Broad Scope, 180 NAC 3-013.01, item 3

Specific License, Radioactive Material Listed below:

6.a. Element and Mass Number	6.b. Chemical or Physical Form (Make and Model if sealed source)	6.c. Maximum Activity Requested (Expressed as Curies, Millicuries or Microcuries)	6.d. Use of Each Form (If sealed source, also give Make and Model Number of the storage and/or device in which sealed source will be stored and/or used)

7. Training of Individuals in Items 4. and 5.

Name of Individual:

	<u>Formal Course Title</u>	<u>Location and Date(s) of Training</u>	<u>Clock Hours in Lecture or Laboratory</u>
7.a. <u>Radiation Physics and Instrumentation</u>			
7.b. <u>Radiation Protection</u>			
7.c. <u>Mathematics Pertaining to the Use and Measurement of Radioactivity</u>			
7.d. <u>Biological Effects of Radiation</u>			

8. Experience with Radiation of Individuals in Items 4. and 5.

(Actual use of Radioisotopes or Equivalent Experience)

Name of Individual:

<u>Isotope</u>	<u>Maximum Activity</u>	<u>Where Experience Was Gained</u>	<u>Months/Years</u>	<u>Type of Use</u>

9. Radiation Detection Instruments					
<u>Type of Instrument</u>	<u>Manufacturers Name</u>	<u>Model Number</u>	<u>Number Available</u>	<u>Radiation Detected</u>	<u>Sensitivity Range</u>
10. Calibration of Instruments Listed in Item 9.					
<input type="checkbox"/> <u>a. Calibrated by Service Company</u> Name and Address of Service Company and Frequency of Calibration			<input type="checkbox"/> <u>b. Calibrated by Applicant</u>		
11. Personnel Monitoring Devices (Check and/or complete as appropriate)					
<u>Type</u>	<u>Supplier (Service Company)</u>	<u>Exchange Frequency</u>			
<input type="checkbox"/> Film Badge <input type="checkbox"/> TLD <input type="checkbox"/> DOSL <input type="checkbox"/> Other (Specify) <input type="checkbox"/> _____		<input type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Other (specify) _____			

Information to be Submitted on Additional Sheets

12. Facilities and Equipment

Describe laboratory facilities and remote handling equipment, storage containers, shielding, fume hoods, etc. Attach an explanatory sketch of the facility.

13. Radiation Protection Program

Describe the radiation protection program as appropriate for the material to be used, including: the duties and responsibilities of the Radiation Safety Officer (RSO); control measures; bioassay procedures (if needed); day-to-day general safety instructions to be followed; etc. If the application is for sealed sources also submit leak testing procedures, or if leak testing will be performed using a leak test kit, specify manufacturer and model number of the leak test kit.

