



Applicant

Name (First, MI, Last):	Permit Number:	Date of Application:
-------------------------	----------------	----------------------

ECD Information

An Inventory Record for Radioactive Sealed Sources (Form RSS-28) must be submitted for each ECD to be possessed. For a new application where the ECD has not yet been purchased or delivered, complete as much of the form as possible.

Purpose of Use

In the space below, indicate the primary purpose or program activity for which the ECDs will be used.

--

Location

In the space below, list the rooms where the ECDs will be used or stored. Include the building number or module, if applicable.

Building	Room Designation	Use

Associate Users

Associate Users are those individuals who will be leak testing or installing & removing ECDs and who will work under the general supervision of the Permit Holder. List the names of all Associate Users below:

Note: A Radiation Worker Information Form (RSS-10) must be submitted for each Associate User.

Name of Permit Holder		
Name:	Use Permit No:	Date:

Program Requirements

NOTE: The individual applying for authorization to possess an electron capture detector must check the following statements. This signifies that the individual has read the statement and agrees to comply with the requirements.

Requirements	
Detector cells containing tritium will be vented directly to the atmosphere or to a continuously operating fume hood.	<input type="checkbox"/>
Detector cells containing titanium tritide or scandium tritide foils will be used only with a temperature control mechanism that prevents foil temperatures from exceeding the manufacturer's specifications.	<input type="checkbox"/>
Detector cells containing nickel-63 (Ni-63) will be leak tested at intervals not to exceed six months.	<input type="checkbox"/>
Detector cells that are not attached to a gas chromatograph will be secured against unauthorized use by storage in a locked drawer or cabinet.	<input type="checkbox"/>
Gas chromatographs containing detector cells will be labeled with a "Caution - Radioactive Materials" sign. The sign will be removed when the ECD is removed from the GC.	<input type="checkbox"/>
Detector cells will not be disposed, transferred to another individual, or returned to the manufacturer for maintenance or cleaning without the prior written approval of the USDA Radiation Safety Staff.	<input type="checkbox"/>
Detector cells will not be opened by the Permit Holder or an Associate User at any time.	<input type="checkbox"/>

Transmit the completed form to the USDA Radiation Safety Staff using one of the following methods:		
Mail to: USDA Radiation Safety Staff 5601 Sunnyside Avenue Room 2-L206, MS-5510 Beltsville, MD 20705-5510	E-mail to: RSSPO@rss.usda.gov	Fax to: 301.504.2450