Virginia Department of Health Radioactive Materials Program (804) 864-8150



## APPLICATION FOR RENEWAL OF A RADIOACTIVE MATERIAL LICENSE AUTHORIZING THE USE OF XRF DEVICES

The Virginia Department of Health (VDH) is requesting disclosure of information. Completion of this form is required to renew a Radioactive Material License. Failure to provide all requested information may result in denial or delay.

**Instructions** – Complete all items. Refer to VAREG 'Guidance for XRF Devices' for additional information. Use supplementary sheets if necessary. Retain a copy and submit the original of the entire application to: Virginia Department of Health, Radioactive Materials Program, 109 Governor Street, Room 730, Richmond, VA 23219.

APPLICATION TYPE					
Item 1 Type of Application (Check box)					
Renewal License Number					
CONTACT INFORMAT	TION				
as listed on current licens	e				
OR  Item 2 Applicant - Name and Mailing Address  Item 3 Contact Person			N		
item 2 Applicant - Name ar	id Malling Address	Item 3 Contact Person – Name			
		Name:			
		F '1			
		E-mail:			
, -	(7.1.1				
Applicant - Telephone Number	er (Include area code)	<u> </u>	Telephone Number (Include area code)		
( ) - X		( ) - X			
LOCATION OF RADIOACTIVE MATERIAL					
Item 4 List all address(es) v	where radioactive material(s) will be used o	r possessed. Attach addi	tional pages if necessary.		
as listed on current license					
OR					
OR	icense and please add the listed additional loca	ations			
see provided information for current information					
	Address (Do not use Post C	Office box)	Telephone Number (Include area code)		
Used					
			( ) - x		
☐ Stored					
☐ Used/Stored	, -				
Used			( ) - x		
Stored			( ) - A		
☐ Used/Stored	, -				
Used			( ) - X		
☐ Stored					
Used/Stored	, -				
Are XRFs used at temporary jobsites?:  Yes No					

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Not Applicable

AUTHORIZING THE USE OF XRF DEVICES  Page 1 of the first of the page 1 of the page 2 of the page 2 of the page 3 of					
RADIATION SAFETY OFFICER					
Item 5 Radiation Safety Officer (RSO) (check one box)					
1. As listed on current license RSO Name –	OR 2. Proposed new RSO (include training certificate) RSO Name –				
Tel (Include area code): ( ) - x	Tel (Include area code): ( ) - x				
E-mail:	E-mail:				
Al	ND EITHER				
The above named individual will perform all duties and responsibilities as listed in Appendix E in VAREG 'Guidance for XRF Devices' and ensure proper oversight of the radiation safety program, including but not limited to, performing periodic on-site evaluations					
	OR				
Alternative information is attached demonstrating how the listed individual will perform the duties and responsibilities and detailing how oversight of the radiation safety program will be conducted, including but not limited to, performing periodic on-site evaluations.					
AUTHORIZED USERS					
Item 6 Training for Authorized Users (check one box)					
Before using radioactive material, authorized users will have successfully completed one of the training courses described in the Criteria section titled "Training for Individuals Working In or Frequenting Restricted Areas" in VAREG 'Guidance for XRF Devices.'					
NOTE: If using an in-house training program, submit copy of c	course content, sample course examination and course instructor qualifications.				
☐ Current license lists all authorized users	OR OR				
Documentation of the training and experience for the proposed at					
	rized users. An amendment request is required to add new authorized users.				
RADIOACTIVE MATERIAL					
Item 7 Radioactive Material (Attach additional pages if necessary)					
Correct as listed on license OR					
Correct as listed on license and see information below for ad OR	ditional material/devices				
See below for all requested material/devices					
Element and mass number	Maximum activity requested and total maximum activity in possession (# of XRFs) at any one time.				
Device manufacturer and model number	Intended Use				
FACILITIES AND EQUIPMENT					
Item 8 Facilities And Equipment (Check box and attach diagram.)					
Diagrams of radioactive material storage area(s) are attached.					
RADIATION SAFETY PROGRAM					
Item 9 Radiation Safety Program					
Item 9.1 Audit Program					
The applicant is not required to submit its audit program to the agency for review during the licensing phase. This matter will be examined during an inspection.					
Item 9.2 Termination Of Activities (Check box)  We will notify VDM in writing within 60 days of the decision to permanently access rediscretive metaricly use (12VAC5 481 510)					
We will notify VDH, in writing, within 60 days of the decision to permanently cease radioactive material use. (12VAC5-481-510)					
Itom II & Ingturyments (L'healr one harr)					

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We will conduct physical inventories, at intervals not to exceed 6 months, to account for all XRFs received and possessed under the license. Records of inventories will be maintained for 5 years from the date of each inventory, and shall include the radiomedides, quantities, manufacturer's name and model numbers, location, individual performing inventory and the date of the inventory.  OR  We will submit a description of the frequency and procedures for ensuring that no XRF has been lost, stolen or misplaced. (Procedures are attached)  Item 9.5 Occupational Dosimetry (Check one box)  We will provide dosimetry processed and evaluated by a NVLAP-approved processor that is exchanged at a frequency recommended by the processor.  OR  We will maintain, for inspection by VDH, documentation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10 percent of the allowable limits in 12VAC5-481-640. (See Appendix I in VAREG 'Guidance for XRF Devices.')  Item 9.6 Public Dose  No response is required in this license application; however, the licensee's evaluation of public dose will be examined during an inspection.  Item 9.7 Operating And Emergency Procedures (Check one box)  We will implement and maintain the operating and emergency procedures in Appendix II of VAREG 'Guidance for XRF Devices' and provide copies of these procedures will be implemented, maintained and provided to all XRF users at each job site and will meet criteria in the section titled "Radiation Safety Program Operating and Emergency Procedures' in VAREG 'Guidance for XRF Devices.'  Procedures are attached)  Item 9.8 Leak Tests (Check one box)  Leak tests analysis will be performed by an organization authorized by VDH, the NRC or another Agreement State to provide leak test is to other licensees, or by using a leak test kit supplied by an organization licensed by VDH, the NRC or another Agreement State to provide leak test kits to other licensees according to kit supplier by instructions.  Li	Item	Item 9.4 Material Receipt And Accountability (Check one box)				
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☐ We will submit alternative procedures. (Procedures are attached)	OR					
		We will submit alternative procedures. (Procedures are attached)				

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Item 9.9 Maintenance (Check one box for routine cleaning and lubrication and one for non-routine maintenance) Routine cleaning and lubrication:				
	We will implement and maintain procedures for routine maintenance of our XRF(s) according tructions.	ding to each manufacturer's recommendations and		
	OR			
	Alternative procedures are attached.			
Non	-routine maintenance:			
	We will send the XRF(s) to the manufacturer or other person authorized by VDH, the NRC or another Agreement State to perform non-routine maintenance or repair operations that require the removal of the source from the XRF(s).			
Item 9.10 Transportation				
	No response is needed during the license process; this issue will be reviewed during inspection.			
Iten	n 9.11 Waste Management - XRF Disposal And Transfer (Check box)			
	We will transfer the XRF to the manufacturer for disposal or transfer the device to a specific licensee, authorized to receive radioactive material.			
LICENSE FEE (ONLY REQUIRED WITH INITIAL APPLICATION)				
	n 10 License Fees (Refer to 12VAC5-490.)			
	RTIFICATION (To be signed by an individual authorized to make binding comm	itments on behalf of the applicant.)		
Iten	n 11			
I hereby certify that this application was prepared in conformance with 12VAC5-481 'Virginia Radiation Protection Regulations' and that all information contained herein, including any supplements attached hereto, is true and correct to the best of my knowledge and belief.				
SIG	NATURE - Applicant Or Authorized Individual	Date signed		
Prin	t Name and Title of above signatory			

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