

030-37898



July 20th 2012

Jack Foster, Chief, Licensing Branch  
Mail Stop T-8-E-24  
Division of Materials Safety and State Agreements  
Office of Federal and State Materials and Environmental Management Programs  
Mail Stop T-8E24  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, MD 20852

Mr Foster

This is a letter to inform that Environics USA does intend to renew its NRC License that is coming due on July 31. License # 19-23974-01E listed at the address location below.

Environics USA, Inc.  
1308 Continental Drive, Suite J  
Abingdon, Maryland 21009  
Phone: 410-612-1250  
Fax: 410-612-1251

I did receive the license renewal note but I have been so swamped at the office I have not been able to complete the renewal application. I have emailed this to Richard Struckmeyer the other week while I was trapped in a airport. At that time I was hoping to get the application completed and in the mail to you this week but I have not been able to.

At this time I am worried that I will not be able to get the documents done and to you in time so I send this letter to indicate that yes I want to renew and I am working on it and politely beg for a little more time.

If there are any questions or problems please fee free to call me at the office at your convenience.

Thank You

Rolf Meinholtz  
Eng Manager/Chemist/RSO  
Environics USA  
1308 Continental Drive, Suite J  
Abingdon, Maryland 21009  
tel 410-612-1250  
fax 410-612-1251  
cell 443-703-6813  
[rolf.meinholtz@environicsusa.com](mailto:rolf.meinholtz@environicsusa.com)

577981

1308 Continental Drive, Suite J  
Abingdon, Maryland 21009 USA  
Telephone: (410) 612-1250 Telefax: (410) 612-1251

## UPS Internet Shipping: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed sheet containing the label at the line so that the entire shipping label is visible.** Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**

**UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.**

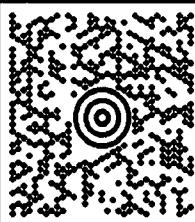

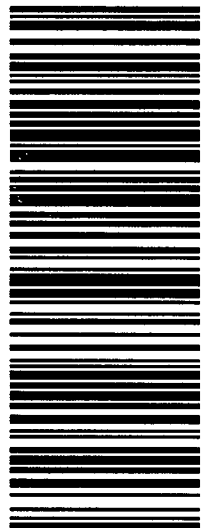

Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)

Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the 'Find Locations' Quick link at [ups.com](http://ups.com).

**Customers with a Daily Pickup**

Your driver will pickup your shipment(s) as usual.

FOLD HERE

ENVIRONICS USA, INC. 410-612-1250 ENVIRONICS USA, INC. 1308 CONTINENTAL DRIVE ABINGDON MD 21009	<b>0.0 LBS LTR</b>	<b>1 OF 1</b>
<b>SHIP TO:</b> ATTN JACK FOSTER, CHIEF, LICENSING US NRC 11545 ROCKVILLE PIKE DIV OF MATERIALS SAFETY AND STATE A MAIL STOP T-8-E-24 <b>ROCKVILLE MD 20852-2746</b>		
	<b>MD 207 9-78</b> 	<b>1</b>
<b>UPS NEXT DAY AIR</b> TRACKING #: 1Z 17A E34 01 9179 9129 		
<b>BILLING: P/P</b>		
 UIS 14.5.29. WNT0590 27.0A 04/2012		

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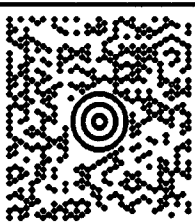

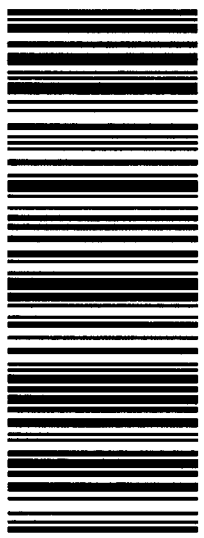

Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)

Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the 'Find Locations' Quick link at [ups.com](http://ups.com).

**Customers with a Daily Pickup**

Your driver will pickup your shipment(s) as usual.

FOLD HERE

<b>ENVIRONICS USA, INC.</b> 410-612-1250 ENVIRONICS USA, INC. 1308 CONTINENTAL DRIVE ABINGDON MD 21009	<b>7 LBS</b>	<b>1 OF 1</b>	<b>DWT: 18,13,3</b>
<b>SHIP TO:</b> ATTN: JACK FOSTER; MAILSTOP T8 E24 3014156250 US NRC 11545 ROCKVILLE PIKE MATERIALS SAFETY AND STATE OFFICE ROCKVILLE MD 20852-2746			
		<b>MD 207 9-78</b> 	
<b>UPS NEXT DAY AIR</b>		<b>1</b>	
TRACKING #: 1Z 17A E34 01 9438 6382			
			
BILLING: P/P		US 14.5.29. WNTIES90 30.0A 07/2012	



July 22nd 2012

Office of Federal & State Materials and Environmental Management Programs  
Division of Materials Safety and State Agreements  
US Nuclear Regulatory Commission  
Washington DC 20555-0001

Following is the request for renewal for the License #19-23974-01E for Environics USA, Inc. located at 1308 Continental Drive, Suite J Abingdon MD 21009 and the associated documents.

#### Contents

- Cover letter
- Application/renewal form 313
- Section 5 - 11 Statement

- Appendix 1-Current SSDRs
- Appendix 2-Current NRC Licenses
- Appendix 3-Canadian Licenses
- Appendix 4-RSO training and Certificates for Rolf Meinholtz
- Appendix 5-copy of EUSA Rad SOP
- Appendix 6-MD office floor plan
- Appendix 7-Copy, MD Possession license

If there are any questions or problems, please feel free to contact me at the office phone or email address below at your convenience.

Sincerely

Rolf Meinholtz

Rolf Meinholtz  
Chemist/Eng Manager/RSO  
Environics USA, Inc.  
1308 Continental Drive, Suite J  
Abingdon MD 21009  
office: 410-612-1250  
fax: 410-612-1251  
cell: 443-703-6813  
Rolf.meinholtz@environicsusa.com

1308 Continental Drive, Suite J  
Abingdon, MD 21009, USA  
Telephone: (410) 612-1250 Telefax: (410) 612-1251

## NRC FORM 313

(05-2012)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

## U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: (05/31/2015)

## APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

## APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND  
ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

## ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

## IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA,  
KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY,  
NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH  
CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

## SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

## IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,  
SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,  
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH  
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,  
UTAH, WASHINGTON, OR WYOMING,

## SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

## 1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐

A. NEW LICENSE

☐

B. AMENDMENT TO LICENSE NUMBER

☒

C. RENEWAL OF LICENSE NUMBER

19-23974-01E

## 2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Rolf Meinholtz  
Enviroics USA, Inc.  
1308 Continental Drive, Suite J  
Abingdon MD 21009

## 3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

1308 Continental Drive, Suite J  
Abingdon MD 21009

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Rolf Meinholtz, Chemist/Eng/RSO

## BUSINESS TELEPHONE NUMBER

(410) 612-1250

## BUSINESS CELLULAR TELEPHONE NUMBER

(443) 703-6813

## BUSINESS EMAIL ADDRESS

[rolf.meinholtz@enviroicsusa.com](mailto:rolf.meinholtz@enviroicsusa.com)

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

## 5. RADIOACTIVE MATERIAL

- a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

## 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

## 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

## 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

## 9. FACILITIES AND EQUIPMENT.

## 10. RADIATION SAFETY PROGRAM.

## 11. WASTE MANAGEMENT.

## 12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY renewal

AMOUNT  
ENCLOSED \$

## 13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

## CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Rolf Meinholtz, Chemist/Eng Manager/RSO

## SIGNATURE



## DATE

8-2-2012

## FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	



Re: Environics USA, Inc. License # 19-23974-01E Renewal

### **Section 5; Radioactive Materials**

Environics currently is approved and licensed to have three different radioactive materials in its licensed sealed sources.

1. Americium-241, Foil source (NRD model A-001, Amersham Corp. Models AMM 1001 or AMM 1001D. Maximum quantity per sealed source is 160 micro curies (5.92 MBq) Maximum number of sealed sources or devices containing the Am-241 allowed to be held at Environics USA is 1000 at any one time. These sealed sources are used in the ChemPro Chemical detection product line and are listed in the registry under # NR-1160-D-101-E. Another form of the Am-241 source, listed in registry # NR-1160-D-102-E is used in the M-90 chemical detector product line manufactured by Environics OY, (See appendix 1 for copies of Environics USA's SSDRs.)

2. Nickel-63, foil source manufactured by Echert& Ziegler Nuclitec BmbH, Model NBEB17139. Maximum quantity per sealed source is 10 milicuries, (XXX MBq). Maximum number of these sealed sources or devices containing Ni-63 allowed to be held at Environics USA is 500 at any one time. This Ni-63 sealed source is a variant for the ChemPro100 product line listed in NR-1160-D-102-E and is allowed for possession by Environics USA's Maryland possession license. This Ni-63 form of the ChemPro100 is only for sale or distribution in Canada at this time and is allowed by the Canadian License # R-185-0001-1-2017, (see appendix 3 for a copy of this license.)

3. Hydrogen-3, Foil source manufactured by Ritverc, Model BH 3.21 Maximum quantity per sealed source is 18.1 milicuries (300 MBq). Maximum number of sealed sources or devices containing the H-3 allowed to be held at Environics USA is 30 at any one time. These sealed sources are used in the Envi-Series of industrial monitoring devices and are referenced in SSDR # NR-1160-D-103-E, (see appendix 1 for copies Environics USA's SSDRs.)



Re: Environics USA, Inc. License # 19-23974-01E Renewal

**Section 6; Purposes(s) for which licensed materials will be used**

The Licensed materials will be used in sealed sources pursuant to section 32.26, 10 CFR Part 32 "Specific Domestic license to manufacture or transfer certain items containing Byproduct Materials," These sealed sources are part of the mentioned chemical detectors that are the ChemPro and M-90 product families of Environics and the Envi Series industrial analyzers of Environics-IUT. These detectors will be distributed to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR part 30.

The ChemPro and M-90 products are designed to be used for the detection of chemical warfare agents and other toxic industrial chemicals in a rugged handheld device and may include Military and civilian first responder personnel.

The Envi-Series detectors are designed to be used as fixed site industrial monitors for the monitoring of chemical processes and or the monitoring of air for safety and health.

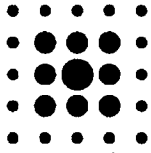


Re: Environics USA, Inc. License # 19-23974-01E Renewal

**Section 7; Individuals responsible for Radiation Safety Program and their training.**

Environics USA employs Rolf Meinholtz as the company RSO for its Americas operations, he has held this position since shortly after initial employment and training in 2003. He has been trained and accepted as RSO by State and Federal offices and his training certificates can be found in Appendix 4 of this document.





# Environics

Re: Environics USA, Inc. License # 19-23974-01E Renewal

**Section 8; Training for individuals working in restricted areas.**

Please see section 5 of Environics USA's RAD SOP document, (appendix 5 of this document, ) for details on regards to the individual training of individuals working with the sealed sources or devices.

Rolf Meinholtz as the RSO is the individual who is responsible for the training and compliance to the guidelines stated in the Rad SOP.



Re: Environics USA, Inc. License # 19-23974-01E Renewal

### **Section 9; Facilities and Equipment**

Please see Appendix 6 of this document for the building floor plan for Environics USA, Inc. Located at 1308 Continental Drive, Suite J , Abingdon, MD 21009.

All sealed sources or detectors containing sealed sources are stored in the Radiation storage vault when not being worked on. The entire facility requires two layer access (key and security card and code.) The Rad storage vault is a locked storage room that has a different access requirement entry, (code required access lock that is completely separate from all other access.)



Re: Environics USA, Inc. License # 19-23974-01E Renewal

**Section 10; Radiation Safety Program**

Please see appendix 5 for a copy of Environics USA's current Radiation Standard Operating procedure.



Re: Environics USA, Inc. License # 19-23974-01E Renewal

### **Section 11; Waste Management**

No Radioactive Waste will be generated.

Environics USA receives completed sealed source assemblies either already installed into the above referenced detectors or as spares for assembly or repair of the above mentioned detector systems. Environics USA does not hold license and will not perform any work 'within' the actual sealed source.

Any sealed source or detector taken out of service will be returned to Environics OY for final disposition and disposal. Environics USA policy is that Environics will take back its products for disposal (for a nominal fee) and will then evaluate and dispose of the source materials at the production facilities in Mikkeli Finland in accordance to EOY policy and procedures.



Re: Environics USA, Inc. License # 19-23974-01E Renewal

**Section 12; License fees**

None included since this is a renewal of the existing license # 19-23974-01E