

NRC FORM 313 U.S. NUCLEAR REGULATORY COMMISSION (1-2012) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40 <h2 style="text-align: center;">APPLICATION FOR MATERIALS LICENSE</h2>	APPROVED BY OMB: NO. 3150-0120 EXPIRES: (03/31/2012) 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 , 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.
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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 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	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 <i>Branch 3</i> 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 <div style="text-align: center; font-size: 2em;">X</div>
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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) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>06-27912-01</u>	2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) Vanasse Hangen Brustlin, Inc. 54 Tuttle Place Middletown, Connecticut 06457 2012 MAY 23 AM 7:22 RECEIVED REGION 1
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED At the address listed in item #2 and at various temporary job sites in the United States where USNRC maintains jurisdiction for regulating the use of licensed material.	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Jose R. Otero Jr. TELEPHONE NUMBER (860) 632-1500

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 <u>N/A</u> 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 Robert Christman - <i>TECH. ADVISOR</i>	SIGNATURE 	DATE 5-14-12
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

-577628
 NMSS/RGN1 MATERIALS-002

Application for Renewal of Material License

Item 5

1.
 - a. Cesium 137 (Cs-137)
 - b. Sealed Sources (CPN International Model CPN-131)
 - c. 50 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State

2.
 - a. Americium 241 (Am-241)
 - b. Sealed Sources (CPN International Model CPN-131)
 - c. 250 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State.

Item 6

Authorized user for measuring physical properties of materials, in portable gauging devices that have been registered either with U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with and Agreement State and have been distributed in accordance with a Commissioned of Agreement State specific license authorizing distribution to persons specifically authorized by Commission of Agreement State license to receive, posses and use the devices.

Item 7

*Currently reads:

*Matthew J. LaChance will be the Radiation Safety Officer for this license and has completed the Troxler and the CPN gauge user's safety course as well as the Troxler 8-hour Radiation Safety Office course, and a 40-hour Radiation Safety Officer training course (see attached)

***Please update current RSO and item 7 to read:

***Jose R Otero Jr. will be the Radiation Safety Officer for this license and has completed the Troxler user's safety course as well as the Troxler 8-hour Radiation Safety Office course, and a 40-hour Radiation Safety Officer training course (see attached)

Item 8

As a minimum requirement, each authorized user will successfully complete the portable gauge manufacturer's course for users as stated in NUREG-1556, Vol. 1, Rev. 1, Section 8, Item 8, or an equivalent course that meets NUREG-1556, Vol. 1, Rev. 1, Appendix D criteria.

Item 9

The gauges will be stored in their transport cases in a locked enclosure located in an unoccupied storeroom that is located at least 15 feet from the workstation nearest the non-monitored individual. Only authorized users will have access to the keys to the enclosure.

Item 10

See attached "Radiation Safety Program"

Item 11

Vanasse Hangen Brustlin, Inc., will dispose of gauges in accordance with NRC requirements by transfer to an authorized recipient such as the gauge's manufacturer or other licensed facility.

CERTIFICATE OF ACHIEVEMENT

This is to Certify that

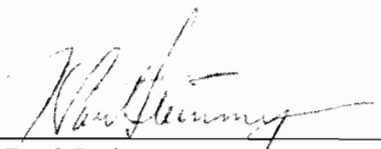
JOSE R. OTERO JR.

Has Completed 40 Hours of

Radiation Safety Officer Training

March 12-16, 2012




K. Paul Steinmeyer, RRPT
Radiation Safety Associates, Inc.
19 Pendleton Dr., PO Box 107
Hebron, CT 06248
860-228-0487

HAZMAT Certification

as required by U.S. DOT and IATA

This certifies that
Jose R. Otero Jr.

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety, and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc.

Training Date
January 29, 2009

Expiration Date
3 Years from Date of Class


Instructor
Harvey Dunlevy



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Road • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • www.troxlerlabs.com

Hazmat Employer Certification

Company:

Company Official:  Date: 2/20/2009

Enrollment ID: 15447537

CERTIFICATE OF COMPLETION

THIS CERTIFIES THAT

Jose R. Otero Jr.

has successfully completed the required training course on **RADIATION SAFETY AND USE OF NUCLEAR GAUGES**, and **HAZMAT SAFETY** as required by U.S. DOT and IATA held in the City of Middletown, CT conducted by Vanasse Hangen Brustlin, Inc.

Given this 5th day of January, 2011



Vanasse Hangen Brustlin, Inc.

Matthew J. LaChance

Instructor/Radiation Safety Officer

Certificate of Completion

This certifies that

Jose R. Otero Jr.

has successfully completed the
Radiation Safety Officer Training Class
conducted by the training department of

Troxler Electronic Laboratories, Inc.

Harvey Dunlevy

Harvey Dunlevy
Instructor

January 29, 2009

Date

William F. Troxler, Jr.
President



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com

15447537

RADIATION SAFETY PROGRAM

1. RADIATION SAFETY OFFICER

A. Jose R. Otero, Jr. has been designated as the company radiation safety officer and will assume the duties and responsibilities that include the following:

1. To ensure that all terms and conditions of the license are being met and that the information contained in the license is up-to-date.
2. To ensure that the equipment has been leak tested in the required timely manner and that the leak test is performed in the manner prescribed by the equipment manufacturer.
3. To ensure that the use of the equipment is only by individuals that have been authorized by the Radiation Safety Officer and that all users wear personal monitoring equipment when utilizing the equipment.
4. To maintain the records as required by the license and the regulations. These records shall include personnel exposure records, leak test records and training certificates for all users.
5. To ensure that the equipment is properly secured against unauthorized removal at all times when it is not in use.
6. To serve as a point of contact and give assistance in case of emergency such as equipment damaged in the field or theft and to notify the proper authorities in case of emergency.
7. To ensure that all users have read and understand the radiation safety operating and emergency procedures.
8. To post "CAUTION - RADIOACTIVE MATERIAL" on the storage location, along with NRS4C Form 3 "Notice To Employees" in a nearby visible area.

2. OPERATING PROCEDURES

A. Transportation of Equipment

1. All possible means shall be provided to ensure that the equipment is fully secured in the transportation vehicle and the equipment is away from the passenger compartment. When transporting in an enclosed vehicle (car or van), the vehicle will be locked. When transporting in an open bed vehicle, the gauge should be securely fastened and locked in the truck bed.
2. The gauge will be transported in the transportation case. The U.S. Department of Transportation required that the gauge be transported in a properly labeled carrying case.
3. At all times during transport, the operator will have a properly completed Bill of Lading for each gauge along with the source certificate, copy of the current license, and personal ID.

B. Utilization Procedures

1. When the gauge is in the field, we as the authorized user will maintain control over the gauge at all times. The gauge will never be left unattended.
2. When not making measurements, the gauge will be placed in the transportation case and returned to its permanent storage area as soon as possible. The gauge is to be used for its intended purpose only. By doing so, we will maintain any radiation exposure to as low as reasonably attainable.
3. When using the equipment, we will wear the personal monitoring device that has been assigned to us. When we are not using the equipment, our monitoring device is to be stored in a radiation free area that has been designated in the office. Film badges will be type B1 (from RS Landaver and Co. 3127557000) which will monitor both gamma and neutron radiation.
4. A utilization log book will be used to control the gauges whereabouts at all times.

C. Maintenance and Leak Test Procedures

1. Periodic maintenance will include cleaning the gauge. During any maintenance, we will wear our personal monitoring device.
2. No maintenance will be performed in which the radioactive source is removed from the gauge. For this type of maintenance, the gauge will be returned to the manufacturer.
3. The leak test will be performed using the TROXLER Model 3880 Leak Test Kit. The leak test will be performed using the manufacturer's instructions. Again, the personal monitoring device will be employed. Gauges will be leak tested at intervals not to exceed six (6) months.

D. Emergency Procedures

1. In the event of physical damage to a gauge, the following will be performed:
 - i) Immediately cordon off the area around the gauge. An area radius of 15 feet will be sufficient.
 - ii) If a vehicle is involved, it must be stopped until the extent of the contamination can be determined.
 - iii) A visual inspection of the gauge is to be made to determine if the source housing and/or shielding has been damaged.
 - iv) At the earliest possible time, when the situation is under control, you must contact Jose R. Otero, Jr. (860) 324-2690 (cell) or (860) 632-1500 (office). Describe the present conditions and follow the instructions of the Radiation Safety Officer.
2. In the event the gauge is lost or stolen, immediately notify the Radiation Safety Officer as listed above in item 2.D.1.iv.
3. A copy of these procedures must be kept with the gauge for reference.

This is to acknowledge the receipt of your letter/application dated

05/14/2012, and to inform you that the initial processing which includes an administrative review has been performed.

Renewal (06-27912-01)

There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 577268.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader