



**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, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOF-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. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.

<p>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p>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</p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</p> <p>IF YOU ARE LOCATED IN:</p> <p>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,</p> <p>SEND APPLICATIONS TO:</p> <p>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</p>	<p>IF YOU ARE LOCATED IN:</p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352</p> <p>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,</p> <p>SEND APPLICATIONS TO:</p> <p>NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511</p>
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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.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>19-21376-01</u></p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</p> <p>Rummel, Klepper & Kahl, LLP 81 W. Mosher Street Baltimore, MD 21217-4250</p>				
<p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>601 N. Calvert Street Baltimore, MD 21202 and Temporary job sites</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Sandra E. Hartzell</p> <table border="1" style="width:100%"> <tr> <td>BUSINESS TELEPHONE NUMBER (410) 462-9327</td> <td>BUSINESS CELLULAR TELEPHONE NUMBER (443) 286-1283</td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS shartzell@rkk.com</td> </tr> </table>	BUSINESS TELEPHONE NUMBER (410) 462-9327	BUSINESS CELLULAR TELEPHONE NUMBER (443) 286-1283	BUSINESS EMAIL ADDRESS shartzell@rkk.com	
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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 (Fees required only for new applications, with few exceptions*)
(See 10 CFR 170 and Section 170.31)

FEE CATEGORY	AMOUNT ENCLOSED \$ <u>0.00</u>
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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.

<p>CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE</p> <p>Lars E. Hill, Director</p>	<p>SIGNATURE</p> <p><i>Lars E. Hill</i></p>	<p>DATE</p> <p>9/20/13</p>
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY			\$	DATE	

NRC FORM 313 (03-2013)
REC'D IN LAT 9-24-13

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Item 5. Radioactive Material

A. Byproduct, source, and/ or special nuclear material	B. Chemical and/or physical form	C. Maximum amount that licensee may possess at any one time under this license
1. Cesium 137	1. Sealed source (Troxler Dwg. A-102112)	1. Not to exceed 10 millicuries per source and 500 millicuries total
2. Americium 241	2. Sealed source (Troxler Dwg. A-102451)	2. Not to exceed 50 millicuries per source and 2500 millicuries total

Item 6. Purpose(s) for which Licensed Material will be used

For use in Troxler 3400 Series moisture/density gauge to measure properties of materials.

Item 7. Individual(s) responsible for Radiation Safety Program their Training and Experience

1. Radiation Supervisor is Lars E. Hill
Radiation Safety Officer is Sandra E. Hartzell
2. Lars E. Hill has successfully completed Troxler Electronics Laboratories, Inc. training course for the use of Nuclear Testing Equipment. Sandra E. Hartzell has successfully completed North East Technical Services, Inc. training courses for Radiation Safety Officer and for use of nuclear testing equipment.

Item 8. Training for Individuals Working in or Frequenting Restricted Areas

Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have satisfactorily completed the manufacturer's training, and have been instructed in the licensee's operating and emergency procedures. Copies of the certificate of training for each user shall be maintained by the licensee for three years after the last use of material by that individual.



Item 9. Facilities and Equipment

Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container shall be locked when in transport or when not under the direct surveillance of an authorized user. When in storage, each gauge is kept in a locked closet, which the RSO and a few supervisory personnel have a key to. This closet is located in the company's N. Calvert Street office. Access to the building is obtained only by company employees who have a card to disengage the electronic locks. When in the field, each gauge will be secured in a construction trailer when not in use.

Item 10. Radiation Safety Program

Personnel Monitoring Equipment:

All personnel using the licensed equipment shall wear a film dosimeter. The dosimeters will be analyzed quarterly by Landauer, Inc. located in Illinois or some other NVLAP approved supplier.

Leak Testing:

Any sealed source(s) or detector cell(s) specified in Item 5 shall be tested for leakage and/or contamination at intervals not to exceed six months.

Test samples will be taken by person(s) responsible for radiation safety program.

Leak tests will be performed using Leak Test Kits purchased from North East Technical Services, Inc.

Maintenance:

Routine Cleaning and Lubrication

We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.

Non-Routine Maintenance

We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source of source rod from the gauge; currently we use North East Technical Services, Inc. for these services.



Transportation:

Packaging and transportation of device will be carried out in accordance with applicable DOT regulations.

Inventory:

A physical inventory will be performed every six months to account for all sources under this license. The records of these inventories shall be maintained for five years.

Survey Instrument:

We possess a SE International Monitor 4 survey meter that is calibrated annually.

Occupational Dosimetry:

We maintain for inspection by NRC, documentation demonstrating the unmonitored individuals are not likely to receive a radiation dose in excess of 10% of the allowable limits or we will provide dosimetry processed and evaluated by an NVLAP – approved processor that is exchanged quarterly.

Operating and Emergency Procedures:

Each person operating a gauge will be given a written operating/emergency procedure list which will include the following topics:

1. Dosimeter use
2. Step by Step instructions on Use of Gauge
3. Storage of device
4. Emergency procedures – including individuals to be notified.

Item 11. Waste Management

Disposal will be by transfer of the radioactive material to a licensee specifically authorized to possess it.

Item 12. Reportable Event

If there is a reportable event or if the nuclear gauge is stolen, the RSO will report to the proper authority as soon as possible.

This is to acknowledge the receipt of your letter application dated

9-20-13, and to inform you that the initial processing which includes an administrative review has been performed.

Renew: 19-21376-01
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** 582246
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.