



**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 FOIA, Privacy, and Information Collections 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, NE0B-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.**

**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

*Br. 2*  
*03092110*

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

37-20809-01

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

The H&K Group, Inc.  
2052 Lucon Road  
PO BOX 196  
Skippack, PA 19474

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

List of storage facilities attached

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

Edward M. Morrison

BUSINESS TELEPHONE NUMBER  
(610) 222-4041

BUSINESS CELLULAR TELEPHONE NUMBER  
(610) 842-9562

BUSINESS EMAIL ADDRESS  
emorrison@hkgroup.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 (Fees required only for new applications, with few exceptions\*) (See 10 CFR 170 and Section 170.31)**

FEE CATEGORY  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, 37, 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**

Edward M. Morrison, Radiation Safety Officer

**SIGNATURE**

*[Handwritten Signature]*

**DATE**

*7/28/15*

**FOR NRC USE ONLY**

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

**The H&K Group, Inc**  
**License Number 37-20809-01**  
**Additional Information for Items 3, 5-11**

**Item 3: Address Where Licensed Material Will Be Used or Possessed**

Licensed material may be used stored at the licensee's facilities located at:

- 2415 Kutztown Road, Reading, PA 19612
- 392 Sanatoga Road, Pottstown, PA 19464
- 528 Trojan Road, Hunlock Creek, PA 18621
- 316 New Schaefferstown Road, Bernville, PA 19506
- 901 Minsi Trail, Blooming Glen, PA 18911
- 2052 Lucon Road, Skippack, PA 19474
- HC87, Box 282, Pocono Lake, PA 18347
- Box 326, Old Farm Road, Hummelston, PA 17036
- 5143 Lower Mud Run Road, Easton, PA 18040

Licensed material may be used at temporary job sites anywhere in the United States where the NRC maintains jurisdiction

**Item 5: Radioactive Material**

6.	Byproduct, Source, and/or special nuclear material	7.	Chemical and/or physical form	8.	Maximum Amount that license may possess at any one time under this license
A.	Cesium 137	A.	Sealed Sources (Troxler Drawing A-102112)	A.	9 Millicuries per source, not to exceed 108 millicuries total
B.	Cesium 137	B.	Sealed Sources (Humboldt Scientific Inc. Drawing 2200064-1)	B.	9 millicuries per source, not to exceed 9 millicuries total
C.	Americium 24:Be	C.	Sealed Neutron Sources (Humboldt Scientific Inc. Drawing 2200067-1)	C.	44 millicuries per source, not to exceed 44 millicuries total
D.	Cesium 137	D.	Sealed Sources (Troxler Drawing A-102112)	D.	9 millicuries per source, not to exceed 9 millicuries total
E.	Americium 24:Be	E.	Sealed Neutron Sources (Troxler Dwg. No. A-102451 or C-106580)	E.	44 millicuries per source, not to exceed 44 millicuries total

**Item 6: Use**

For measurement of physical properties of soils and road paving materials.

**Item 7: Individual Responsible for Radiation Safety Program**

Edward M. Morrison will be responsible for the administration and implementation of the Radiation Safety Program.

Attended Troxler Nuclear safety training course and Troxler Radiation Safety Officer training Course.

**Item 8: Training for Individuals**

Before using licensed materials, authorized users will have successfully completed one of the training courses described under "Criteria" in the section titled "Training for Individuals Working in or Frequenting Restricted Areas" in NUREG-1556, Volume 1, Revision 2, "Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses.

**Item 9: Facilities and Equipment**

All radioactive material will be stored in a manner ensuring compliance with the public dose limits and meeting adequate security. All locations consist of unoccupied adjacent spaces where no other members of the public are working in proximity to the storage locations.

**Item 10: Radiation Safety Program**

We will either possess and use, or have access to and use, a radiation survey meter that meets the criteria in the section titled "Radiation Safety Program—Instruments" in NUREG-1556, Volume 1, Revision 2, "Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses," in the event of an incident.

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.

We will implement and maintain the operating and emergency procedures in Appendix G to NUREG-1556, Volume 1, Revision 2, "Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses," and will develop, implement and maintain security procedures using information in Appendix G. Copies of these procedures will be provided to all gauge users and at each job site."

Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the SSD registration certificate. Leak tests will be performed by an organization licensed by the NRC or an Agreement State to provide leak testing services

to other licensees or using a leak test kit supplied by an organization licensed by the NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.”

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

**Item 11: Waste Management**

No radioactive waste is generated by the operations conducted under this license. All radioactive materials used are in the form of sealed sources contained in portable gauges. When no longer needed, gauges will be returned to the original manufacturer or transferred to other organizations licensed by the NRC or an Agreement State to receive the gauges.

Edward M. Morrison  
QC Manager / RSO  
The H&K Group, Inc.

7/28/15

This is to acknowledge the receipt of your letter (application) dated

07/28/2015, and to inform you that the initial processing which includes an administrative review has been performed.

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

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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 588572.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.