



Briggs Engineering & Testing
A DIVISION OF PK ASSOCIATES, INC.

Br 3

February 23, 2010

Licensing Assistants Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

L 16401
03038245
03121

Re: **Application for Materials License**

(20-16401-04)

Gentlemen,

Attached is our application for a Material License for nuclear density gauges. We have had a license previously, it was terminated at our request in June of 2009, and a copy of NRC form 374 is attached. We hope that the approval of our license application could be expedited.

If you have any questions please feel free to contact me at 781-871-6040.

Very truly yours,
BRIGGS ENGINEERING AND TESTING
A Division of PK Associates, Inc.

Paul M. Skorohod
President

RECEIVED
REGION 1
2010 MAR - 1 PM 12:42

144475

www.briggsengineering.com

NMSS/RCN1 MATERIALS-002

100 Weymouth Street - Unit B-1
Rockland, MA 02370
Phone (781) 871-6040 • Fax (781) 871-7982

56 Roland Street - Suite 102-I
Boston, MA 02129
Phone (617) 666-6040

100 Pound Road
Cumberland, RI 02864
Phone (401) 658-2990 • Fax (401) 658-2977

NRC FORM 313
(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

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 Records and FOIA/Privacy 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.

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

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
U.S. NUCLEAR REGULATORY COMMISSION
612 E. LAMAR BOULEVARD, SUITE 210
ARLINGTON, TX 76011-4125

L 16401
03038245
03121

(20-16401-04)

Item 2 changes made per phone call with Paul Skorohod, President on 3/2/2010.
Michael A. Perkins, LAT, DNMS

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO FILE 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 _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)
PK Associates, Inc.
d.b.a. Briggs Engineering & Testing
P.O. Box 369
100 Weymouth Street
Rockland, MA 02370

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED
Temporary job sites in the United States where the NRC maintains jurisdiction.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION
Paul Skorohod, RSO
TELEPHONE NUMBER
781-871-6040

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 3P AMOUNT ENCLOSED \$ 1400.00

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
Paul Skorohod, Pres.

SIGNATURE
Paul Skorohod

DATE
2/23/10

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	144475

Application for materials License, Items 5 through 11

5. Materials to be Possessed

<u>Device</u>	<u>Radiosotope</u>	<u>Model No.</u>	<u>Manufacturer</u>	<u>Quantity</u>
3400 Series Gauges	Cesium 137 Americium-241	102112 102451	Troxler Troxler	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate
4640 Series Gauge	Cesium 137 Americium-241	102112 102451	Troxler Troxler	
5001 Series Gauge	Cesium-137 Americium-241	2200064 2200067	Humboldt Humboldt	

6. Purpose for which licensed material will be used.

All portable nuclear gauges will be utilized to measure the physical properties of materials.

7. Individual responsible for Radiation Safety Program

The Radiation Safety Officer (RSO) is Paul M. Skorohod. He has been a RSO for over 20 years for both the Troxler License and the Industrial Radiography License. A copy of his resume is attached. He has successfully passed a manufacturer's training course.

The Radiation Safety Officer is responsible for the overall administration of the program, training and certification, document control and auditing. These duties will include but are not limited to the following.

Assure that only material that is listed on the license is possessed by PK Associates, Inc dba Briggs Engineering & Testing (Briggs).

Assure that only certified, properly trained individuals will use the troxler gauges.

Assure that all personnel follow this procedure and wear the proper personnel monitoring equipment.

Perform random audits to assure compliance with the requirements of the license.

In case of an emergency, he will be the primary point of contact. He or his designee will assure that all required state agencies will be notified promptly.

Utilization logs, quarterly inventory records, dosage logs, leak tests records, training records, and quality assurance audits report will be reviewed by the Radiation Safety officer.

8. Training provided to other users

- a. Before using licensed material, authorized users will have successfully completed a portable gauge manufacturer's course for users.
- b. They will also be instructed in Briggs Associates' Operating and Emergency Procedures.
- c. Records and certificates of completion for the courses will be kept on file for as long as the employees work with this firm.

9. Facilities and Equipment

No information is required to be submitted with this application.

10.0 Radiation Safety Program/Operating & Emergency Procedure

We possess and will use a radiation survey meter that meets the criteria in the section entitled "Radiation Safety Program Instruments" in NUREG-1556 Vol. 1, Rev. 1, in the event of an incident.

We will perform a physical inventory at intervals not exceeding 6 months to account for all sealed sources and devices that have been received and possessed under the license.

All authorized users will be issued TLD badges that are supplied by a NVLAP approved processor. Badges will be processed at an interval not exceeding three months.

A Operating and Emergency Procedure will be developed, implemented and maintained and will meet the criteria in the section entitled "Radiation Safety Program - Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1. Operating and Emergency Procedures will be issued to each authorized user and placed in each gauge transportation box.

Leak tests will be performed at intervals approved by the NRC and specified in the Sealed Source and Device Registration Sheet. A leak test kit will be supplied by an organization authorized by the NRC or an Agreement State to provide leak test kits to other licensees.

Taking of the sample will be performed in accordance with the gauge manufacturer's and kit suppliers instructions and returned to the kit supplier for evaluation and reporting of results. We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions. Non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge will be performed by the manufacturer or other persons authorized by the NRC or an Agreement State.

11.0 Waste Management

No information is required to be submitted with this application.

U.S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE

Licensee	
1. PK Associates, Inc. dba Briggs Engri. & Testing	3. License number 20-16401-03
2. 100 Weymouth St., P.O. Box 369 Rockland, Massachusetts 02370	4. Expiration date Not Applicable
	5. Docket No. 030-37214 Reference No.

In accordance with the NRC Form 314 dated June 24, 2009, this license is hereby terminated.

For the U.S. Nuclear Regulatory Commission

Date July 13, 2009 By _____



 Jenny Johansen
 Materials Security and Industrial Branch
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406

Monday, July 13, 2009 15:13:52

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

2/23/2010, and to inform you that the initial processing which includes an administrative review has been performed.

NEW LICENSE APPLICATION (03038245)
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** 144475.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.