



**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 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. \*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:**

MATERIALS SAFETY LICENSING BRANCH  
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
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 200  
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 \_\_\_\_\_

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

OZ Engineering, LLC  
9358 Calumet Avenue  
Munster, Indiana 46321

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

9358 Calumet Avenue  
Munster, Indiana 46321

Anywhere the NRC maintains jurisdiction for regulating the use of radioactive materials

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

Mr. Lawrence Zablock

BUSINESS TELEPHONE NUMBER  
(219) 836-5456

BUSINESS CELLULAR TELEPHONE NUMBER  
(708) 296-4325

BUSINESS EMAIL ADDRESS  
lzablock@ozengllc.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 AND 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 **170.31.C** AMOUNT ENCLOSED \$ **1,200.00**

**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, 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**

Lawrence Zablock, Principal

**SIGNATURE**

**DATE**

4/28/16

**FOR NRC USE ONLY**

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

## Items 5 and 6: Materials to be Possessed and Proposed Uses

Element and Mass Number	Physical Form	Quantity	Use as Listed on SSD Certificate
Cesium 137	Sealed Source Troxler Dwg. 102112	<10mCi	Moisture Density
Americium 241	Sealed Source Troxler Dwg. 102451	<50mCi	Moisture Density

## 6. Purposes for Which Licensed Material Will Be Used

Purpose(s) for which licensed material will be used.
A & B: To be used in Troxler Model 3400 series gauges for measurement of physical properties of materials.

### Item 7: Radiation Safety Officer

The name of the RSO is Nick Lococo.

The proposed RSO has successfully completed adequate training as described in the NUREG 1556, Volume 1 Guide. Future RSO's will likewise complete this training.

### Item 8: Training for Individuals Working In or Frequenting Restricted Areas

Before using licensed materials (gauges), authorized users will have successfully completed training as described in NUREG 1556, Volume 1.

### Item 9: Facilities and Equipment

No response required for this item on the application. Compliance with security, posting, and public dose requirements will be verified during inspections.

### Item 10: Radiation Safety Program

**10.1 Personnel Monitoring:** All personnel will wear a personnel monitoring device, such as a TLD badge, to measure radiation exposure when using or transporting gauges. The badges shall be exchanged at intervals not to exceed three months. Dosimetry badges shall be provided by a vendor accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

**10.2 Radiation Detection Instruments:** We will possess and use or have access to a survey meter for use in the event of an incident involving the gauge. The survey meter will be calibrated annually by the manufacturer and will meet

the criteria in NUREG-1556, Vol.1, Rev.1.

**10.3. Sealed Source Leak Testing:** Leak tests will be performed at intervals not to exceed 12 months using an approved kit in accordance with the kit supplier's instructions. Leak test samples will be analyzed by an organization authorized by the NRC to provide leak test services.

**10.4. Material Receipt and Accountability:** Records of receipt, transfer, and disposal of gauges will be maintained for at least three years. Physical inventories will be conducted at intervals not to exceed six months, to account for all sealed sources and devices received and possessed under this license.

**10.5. Public Dose:** No response is required from the applicant in a license application, but this matter will be examined during an inspection.

**10.6. Operating and Emergency Procedures:** Operating and emergency procedures will be developed, implemented, and maintained, and will meet the criteria in the section entitled 'Radiation Safety Program Operating and Emergency Procedures' in **NUREG- 15 56**, Vol. 1, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' May 1997.

**10.7. Maintenance:** We will implement and maintain procedures for routine maintenance (cleaning and lubrication) of our gauges according to the manufacturer's recommendations and instructions. We will send the gauge to the manufacturer to perform non-routine maintenance or repair operations that require removal of the source or source rod from the gauge.

**10.8. Transportation:** No response is needed from applicants during the licensing process; this issue will be reviewed during inspection.

**Item 11. Waste Management** No response is needed from applicants during the licensing process; this issue will be reviewed during inspection.

OZ Engineering, LLC  
1206 Sunset Road  
Wheaton, IL 60189



Ms. Vered A. Shatter  
Health Physicist  
U.S. Nuclear Regulatory Commission  
Region III  
Division of Nuclear Materials Safety  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532

RECEIVED APR 28 2016