

NRC FORM 313 (8-2000) 10 CFR 30, 32, 33, 34, 35, 36, 38, and 40	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120	EXPIRES: 08/31/2002
<h2 style="margin: 0;">APPLICATION FOR MATERIAL LICENSE</h2>		Estimated burden per response to comply with this mandatory collection request: 7.4 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 Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0000), 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: DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001	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 801 WARRENVILLE RD. LISLE, IL 60532-4351
ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO: LICENSING ASSISTANT SECTION NUCLEAR MATERIALS SAFETY BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, 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 SECTION U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 76011-8064
ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: SAM NUNN ATLANTA FEDERAL CENTER U. S. NUCLEAR REGULATORY COMMISSION, REGION II 91 FORSYTH STREET, S.W., SUITE 23T85 ATLANTA, GEORGIA 30303-8831	
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>42-21454-01E</u>	2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) Ludlum Measurements Inc P.O. Box 810 Sweetwater Tx 79556
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED 501 Oak Street Sweetwater Tx 79556	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Rhonda Harris TELEPHONE NUMBER 325-235-4947

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 _____ 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 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, 38, 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 82 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 Rhonda Harris RSO	SIGNATURE <i>Rhonda Harris</i>	DATE 7/29/04
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

LUDLUM MEASUREMENTS, INC.
501 OAK STREET
P.O. BOX 810
SWEETWATER, TEXAS 79556
WEBSITE: WWW.LUDLUMS.COM



**DESIGNER AND
MANUFACTURER
OF**
*Scientific and Industrial
Instruments*

800-622-0828(US & CANADA)

325-235-5494

325-235-4672(FAX)

E-mail:rharris@ludlums.com

July 30, 2004

Division of Industrial and Medical Nuclear Safety
Office of Nuclear Materials Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: License Renewal
Reference: NRC License 42-21454-01E

Dear Sirs;

1. This is a renewal application for a specific license to redistribute sealed source type counting standards or encapsulated check sources of exempt quantities, not to exceed the exempt amounts of Section 30.71, Schedule B, 10 CFR Part 30, or equivalent provisions of the regulations of any agreement State for the purpose of performing calibration or operational checks for radiation survey, detection, or measuring instruments.
2. The counting standards or encapsulated check sources would either be sold or redistributed as single item or mounted on or in an instrument for the user to perform periodic performance tests to assure proper operations of the instrument between required calibrations as required in 10 CFR Part 35; Regulation Guide 8.23, paragraph 1.12; and Ansi N323-1978, paragraph 4.6.
3. The counting standards or encapsulated sources are purchased from NRC licensed manufacturers for the manufacture and distribution of counting standards or encapsulated sources, not to exceed the exempt quantities of Section 30.71, Schedule B, 10 CFR Part 30. The labels or leaflet provided by the source manufacturer will not be altered or removed.
4. Ludlum Measurements, Inc. has a specific license (LO-1963) from the State of Texas for the purpose of calibrating radiation detection instruments, research and development of radiation detection instruments, and devices containing radioactive material.
5. Operating procedures, instructions, and OJT is provided to the worker for safe handling of radioactive material.
6. No special requirements contained in Parts 32-35 are designated.
7. No waste products will be generated or stored.
8. Only calibration check sources of exempt quantities would be transferred to general licensed customers along with a notice or leaflet that the material is not to be incorporated in any food, beverage, cosmetic, drug, or other commodity or product designed for injection, inhalation, or application to a human being.

LUDLUM MEASUREMENTS, INC.

501 OAK STREET
P.O. BOX 810
SWEETWATER, TEXAS 79556
WEBSITE: WWW.LUDLUMS.COM



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U. S. NRC

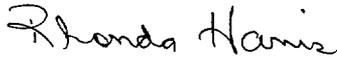
July 29, 2004

9. The exempt sources are described in the source manufacturer sales catalog. Each source bears a legible label which identifies the radioisotope, quantity, and the words "Radioactive Material".
10. Instruments that have exempt quantity sources mounted to them will have either a label on the instrument or a written statement sent with the instrument with the following or similar wordage:

"The receipt, possession, use, and transfer of this instrument containing a calibration or check source of exempt quantity is subject to a general license and the regulations of the United States Nuclear Regulatory Commission or a State with which the Commission has entered into an agreement for the exercise of regulatory authority."

Ludlum Measurements, Inc.
501 Oak Street
Sweetwater, Texas 79556

Sincerely,



Rhonda Harris, RSO
Ludlum Measurements Inc.