

NRC FORM 313

(10-2005)

10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 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 and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@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.

APPLICATION FOR MATERIAL LICENSE

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

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, 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, 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
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

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)

Shalom Services Corporation
737 Southshire Drive
St. Louis MO 63125

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

3101 Cherokee Street
St. Louis, MO. 63118

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

FUMMI OJO

TELEPHONE NUMBER

(314) 894-2640

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.

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

SIGNATURE

DATE

FOR NRC USE ONLY

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

RECEIVED MAY 15 2007

5. RADIO ACTIVE MATERIAL

a. Element and mass number: Cs^{137} $\text{AM}^{241}/\text{Be}$

b. Chemical and /or Physical form: Sealed Source

Source Manufacture & Model: Humboldt Scientific

Drawing #2200064 and Drawing #2200067

c. Maximum Amount which will be possessed at any one time: 11 mci/407 MBq
44mci/1.63 MBq

Number of Sources requested no more than 4

Device Manufacturer and Model: Humboldt 5001 Series

6. PURPOSE(S) FOR WHICH LICENCE MATERIAL WILL BE USED:

For use in a Humboldt 5001 series compaction control Gauge used to measure the moisture and density of engineering materials.

Wipe tests to be performed using HIS 200177 leak test kit processed by Humboldt Scientific, Inc.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND TRAINING EXPERIENCE.

NAME: GARRETT LILEY

EXPERIENCE: COMPACTION TESTING AT LAMBERT INTERNATIONAL AIRPORT
ST. LOUIS (NEW RUNWAY)

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS:

Before using licensed materials, all authorized users will have successfully completed one of the training courses described in Criteria in the section entitled "Training for Individual(s) Working in of Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev. 1, "Consolidated Guidance about Material Licenses: Program – Specific Guidance about Portable Gauge Licenses," dated November 2001".

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 entitled "Radiation Safety Program-Instruments" in NUREG-1556, Vol. 1, Rev. 1, "Consolidated Guidance about Material Licenses: "dated November 2001" in the event of an accident.

Physical inventory 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 maintain, for inspection by NRC, documentation demonstrating that unmonitored individual are not likely to receive, in one year, a radiation dose in excess of 10 percent of the allowable limits in 10 CFR part 20, or we will provide dosimetry processed and evaluated by a NVLAP-approved processor that is exchanged at a frequency recommended by the processor.

We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, "Consolidated Guidance about Material Licenses: Program- Specific Guidance about Portable Gauge Licenses, "dated November 2001", and provide copies 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 sealed Source and Device Registry Sheet. Leak test will be performed by and organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier instructions.

We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendation and instructions. We will send the Gauge to the manufacturer or other person authorized by NRC or and Agreement State source or source rod from the gauge.

Signed by :



F. L. OJO

This is to certify that I, Garrett Liley has consented to be the Radiation
Safety Officer for Shalom Services Corporation.


GARRETT LILEY



HUMBOLDT SCIENTIFIC, INC.

HUMBOLDT Nuclear Gauge Training Certification

Garrett Stephen Liley

HAS SUCCESSFULLY COMPLETED A CERTIFIED COURSE ON RADIATION
SAFETY, TRANSPORT AND OPERATION OF INSTRUMENTS USING
GAMMA AND NEUTRON RADIATION TO MEASURE THE
PHYSICAL PROPERTIES OF CONSTRUCTION MATERIALS

Subjects included were:

Types and basic unit of ionizing radiation.
Calculations related to radiation safety.
Biological effects of radiation.
Methods of protection.
Leak testing procedures.
Procedures for safe transport (HAZMAT) and storage.
Federal and State Regulations.

Accident prevention and procedures.
Instrument theory and operation.
Limitations of field maintenance.
Instrument standardization and calibration.
Test site selection and preparation.
Field operation and calculations.
Types and reasons for measurement errors.

Date of Training: July 1, 2004

Location: St. Louis, MO

Certificate Number: 4954

HAZMAT Expiration Date: July 1, 2007

Instructor: Eddie G. Hall

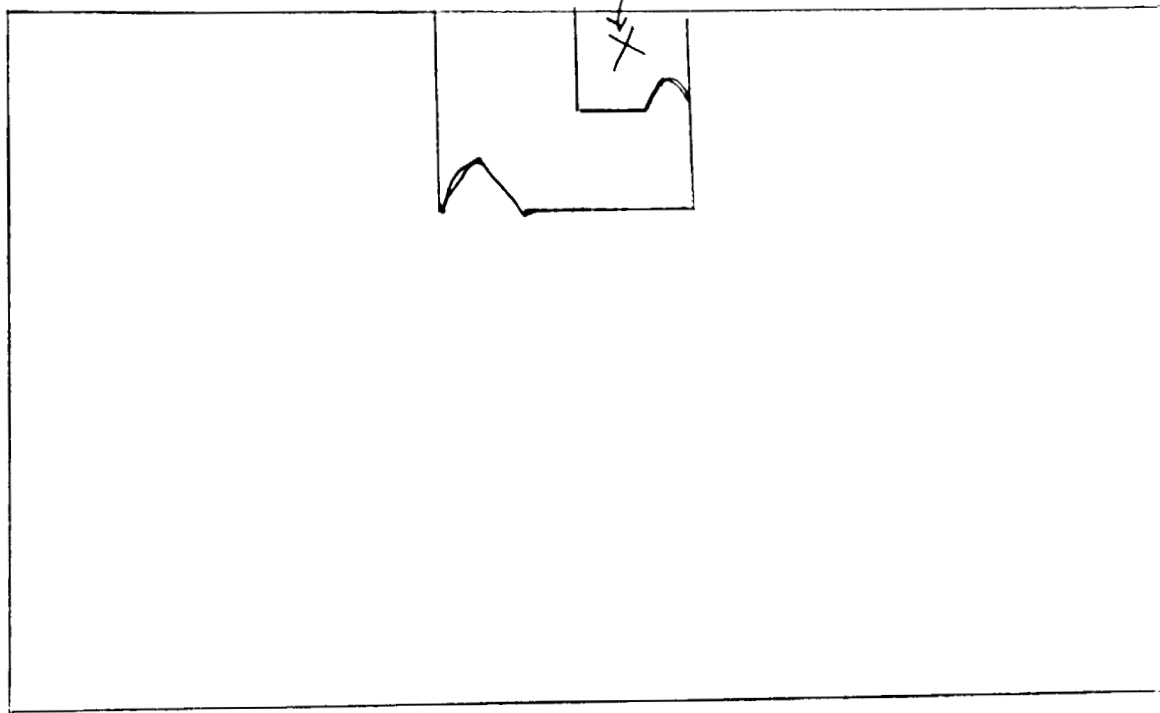
Humboldt Scientific, Inc.

551 -D Pylon Drive

Raleigh, NC 27606

BASEMENT 3101 Cherokee Str
St. Louis, MO 63118

STORAGE AREA
NUCLEAR DENSITY GAUGE



SHALOM SERVICES CORP.
737 SOUTHSIDE DRIVE
ST. LOUIS, MO 63125



0000

AMOUNT

\$0.87

U.S. POSTAGE
PAID
ST LOUIS, MO
63125
MAY 10, '07
00063728-02
60532



MATERIAL LICENSING BRANCH

U.S. NUCLEAR REGULATORY COMMISSION, REGION III

2443 WARRENVILLE ROAD, SUITE 210

LISLE, IL 60532-4352

