



**APPLICATION FOR  
 MATERIALS LICENSE**

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 06/30/2019

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 Information Services Branch (T-2 F43), 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 CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

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 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

IF YOU ARE LOCATED IN:

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  
 1800 E. LAMAR BOULEVARD  
 ARLINGTON, TX 76011-4511

03014353

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 29-18018-01

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

CRAIG TESTING LABORATORIES, INC.  
 5439 HARDING HIGHWAY, PO BOX 427  
 MAYS LANDING, NEW JERSEY 08330

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

SEE ATTACHED STATEMENT

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

MR. EDUARDO M. FREIRE

BUSINESS TELEPHONE NUMBER: 609-625-1700 x 140

BUSINESS CELLULAR TELEPHONE NUMBER: 609-513-3216

BUSINESS E-MAIL ADDRESS: EFREIRE@CRAIGTEST.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. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

7. RADIATION SAFETY PROGRAM.

8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

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

10. FACILITIES AND EQUIPMENT.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions\*)  
 (See 10 CFR 170 and Section 170.31)  
 \*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE CATEGORY: [ ] AMOUNT ENCLOSED \$ [ ]

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.

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

EDUARDO M. FREIRE / PRESIDENT

SIGNATURE

DATE

2/19/19

FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	FCR NUMBER	COMMENTS
APPROVED BY: _____ DATE: _____					

Rec'd. in LAT-3/7/2019

611461  
 REGIONAL MATERIALS OFFICE



5439 Harding Highway • P.O. Box 427 • Mays Landing, NJ 08330 • P:609.625.1700 • F:609.625.1798

## **RENEWAL OF LICENSE NUMBER 29-18018-01**

### **Attached Statement – Item #3**

Item #3 – Address(es) where Licensed Material Will be Used or Possessed

Licensed material may be stored at the licensee's facilities located at 5439 Harding Highway, New Jersey and be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

# *Certificate of Completion*

**This certifies that**

**Ian Craig**

**has successfully completed the**

*Troxler Radiation Safety Officer Course*

**conducted by the training department of**

*Troxler Electronic Laboratories, Inc.*

*Greg Farnen*

\_\_\_\_\_  
Greg Farnen

Instructor

\_\_\_\_\_  
January 11, 2001

Date

\_\_\_\_\_  
William F. Troxler, Jr.

President



CRAIG TESTING LABORATORIES, INC.  
RENEWAL OF LICENSE NUMBER 29-18019-01

**Items 5 and 6: Materials To Be Possessed and Proposed Uses**

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
X		Cesium-137	Gauge manufacturer (or distributor) and model number:  TROXLER 3411B TROXLER 3440 TROXLER 4640 TROXLER 3430	Specify activity per source and number of gauges requested.  NOT TO EXCEED EITHER THE MAXIMUM ACTIVITY PER SOURCE OR MAXIMUM ACTIVITY PER DEVICE AS SPECIFIED IN SEALED SOURCE AND DEVICE REGISTRATION CERTIFICATE  29 PORTABLE GAUGES	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: DENSITY AND MOISTURE  DETERMINATION OF SOIL  AND ASPHALT AT  CONSTRUCTION SITES	<input checked="" type="checkbox"/> Not applicable  <input type="checkbox"/> Uses are:  (Submit safety analysis supporting safe use.)
X		Americium-241	Gauge manufacturer (or distributor) and model number:  TROXLER 3411B TROXLER 3440	Specify activity per source and number of gauges requested.  NOT TO EXCEED EITHER THE MAXIMUM ACTIVITY PER SOURCE OR MAXIMUM ACTIVITY PER DEVICE AS SPECIFIED IN SEALED SOURCE AND DEVICE REGISTRATION CERTIFICATE  26 PORTABLE GAUGES	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: DENSITY AND MOISTURE  DETERMINATION OF SOIL  AND ASPHALT AT  CONSTRUCTION SITES	<input checked="" type="checkbox"/> Not applicable  <input type="checkbox"/> Uses are:  (Submit safety analysis supporting safe use.)

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	Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
		<input checked="" type="checkbox"/>	Californium-252	Gauge manufacturer (or distributor) and model number: <hr/>	Specify activity per source and number of gauges requested. <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Yes <input type="checkbox"/> Specific description of the gauge use: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> Not applicable <hr/> <input type="checkbox"/> Uses are: <hr/> (Submit safety analysis supporting safe use.)
		<input checked="" type="checkbox"/>	Radium-226	Gauge manufacturer (or distributor) and model number: <hr/>	Specify activity per source and number of gauges requested. <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Yes <input type="checkbox"/> Specific description of the gauge use: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> Not applicable <hr/> <input type="checkbox"/> Uses are: <hr/> (Submit safety analysis supporting safe use.)
		<input checked="" type="checkbox"/>	Other Isotope (Specify):	Gauge manufacturer (or distributor) and model number: <hr/>	Specify activity per source and number of gauges requested. <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Yes <input type="checkbox"/> Specific description of the gauge use: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> Not applicable <hr/> <input type="checkbox"/> Uses are: <hr/> (Submit safety analysis supporting safe use.)
Is financial assurance required? If yes, submit evidence of financial assurance.							

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**Items 7 through 11: Training and Experience,  
Facilities and Equipment, Radiation Safety Program,  
and Waste Disposal**

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
<p>7. <b>INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE—RADIATION SAFETY OFFICER</b></p> <p>Name: <u>IAN G. CRAIG</u></p>	<p>Documentation demonstrating the proposed radiation safety officer's training and experience (e.g., certificate of completion of the RSO's course and/or the authorized user's course).</p>	<p>Submit applicable documentation.</p>	
<p>8. <b>TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</b></p>	<p>Before using licensed materials, authorized users will have successfully completed one of the training courses described in the "Criteria" part of the section titled, "Training for Individuals Working in or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Portable Gauge Licenses."</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>9. <b>FACILITIES AND EQUIPMENT</b></p>	<p>Provide a facility diagram for each permanent portable gauge storage location. Include on the diagram the use of adjacent areas (including above and below), and information relevant to public dose and security as discussed in Sections 8.10.5, "Public Dose," and 8.10.6, "Operating, Emergency, and Security Procedures," respectively, in NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Portable Gauge Licenses"</p>	<p>Submit applicable documentation.</p>	

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Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
10.1 RADIATION SAFETY PROGRAM—AUDIT PROGRAM	The applicant should not submit its audit program to the NRC for review during the licensing phase. The audit program will be reviewed during NRC inspections.	Need Not Be Submitted with Application	
10.2 RADIATION SAFETY PROGRAM—RADIATION MONITORING INSTRUMENTS	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—Radiation Monitoring Instruments" in NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Portable Gauge Licenses," in the event of an incident.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.3 RADIATION SAFETY PROGRAM—MATERIAL RECEIPT AND ACCOUNTABILITY	Physical inventories will be conducted every 6 months or at other intervals approved by the NRC to account for all sealed sources and devices received and possessed under the license.  AND  We will develop, implement, and maintain procedures for ensuring accountability of licensed materials at all times.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.4 RADIATION SAFETY PROGRAM—OCCUPATIONAL DOSE	We will maintain, for inspection by the NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of the limits in 10 CFR 20.1502(a).  OR  We will provide and require the use of individual monitoring devices (dosimetry). All personnel dosimeters that require processing to determine the radiation dose will be processed and evaluated by a NVLAP-approved processor.	<input checked="" type="checkbox"/>          <input type="checkbox"/>	<input type="checkbox"/>







