



T.L.B. ASSOCIATES, INC.

7280 BALTIMORE ANNAPOLIS BOULEVARD  
GLEN BURNIE, MARYLAND 21061  
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www.tlbinc.net

*Subsurface Explorations &  
Geotechnical Engineering Consultants*

THOMAS L. BROWN, CWD, P.E., President

October 07, 2009

Br. 3

LL 31389  
03038168  
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03121

Licensing Assistant Section  
Nuclear Materials Safety Branch  
US Nuclear Regulatory Commission Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Attn: LAT

**Re: Application for Material License  
Washington, DC**

2009 OCT 19 PM 12:42

RECEIVED  
REGION I

Ladies & Gentlemen:

(19-31389-01)

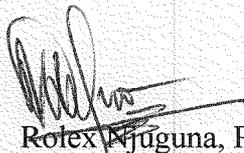
Enclosed please find our application for material license in Washington, DC. We are a Geotechnical Engineering firm and use our nuclear gauges for testing desity and moisture content of compacted soils. Our company uses the Troxler 3430 model nuclear gauges to test soil compaction.

Also enclosed is a check for application fee in the amount of One Thousand Four Hundred Dollars (\$1400.00).

If there are any questions regarding this application, please do not hesitate to call.

Very truly yours,

**T. L. B. ASSOCIATES, INC.**

  
Rolex Ajuguna, P.E.  
RSO

NRW:tlb

K:\Shared\Health & Safety\Radiation Safety\Dc License\Nrc License Application(100709).Doc

144232  
NRC/RCN MATERIALS-002

<p><b>NRC FORM 313</b> (8-1999) 10 CFR 30, 32, 33 34, 35, 36, 39 and 40</p>	<p><b>U. S. NUCLEAR REGULATORY COMMISSION</b></p>	<p>APPROVED BY OMB: NO. 3150-0120</p>	<p>EXPIRES:08/31/2002</p>		
<p><b>APPLICATION FOR MATERIAL LICENSE</b></p>		<p>Estimated burden per response to comply with this mandatory information 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, (3150-0120), 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, NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</p>			
<p><b>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.</b></p>					
<p>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</p> <p>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 19106-1415</p> <p>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 61 FORSYTH STREET, S.W. SUITE 23765 ATLANTA, GEORGIA 30303-8931</p>		<p>IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:  MATERIALS LICENSING SECTION U. S. NUCLEAR REGULATORY COMMISSION, REGION III 801 WARRENVILLE RD. LISLE, IL 60532-4351</p> <p>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</p>			
<p>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.</p>		<p style="font-size: 2em; text-align: center;">Br. 3</p> <p style="font-size: 1.5em; text-align: center;">LL 31389 03038169 03121</p> <p style="font-size: 1.5em; text-align: center;">(19-31389-01)</p>			
<p>1 THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input checked="" type="checkbox"/> A NEW LICENSE</p> <p><input type="checkbox"/> B AMENDMENT TO LICENSE NUMBER _____</p> <p><input type="checkbox"/> C RENEWAL OF LICENSE NUMBER _____</p>		<p>2 NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)</p> <p>THOMAS L. BROWN TLB ASSOCIATES, INC 7280 BALTIMORE-ANNAPOLIS BLVD GLEN BURNIE, MD 21061</p>			
<p>3 ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>Washington, DC: Gauges will be used at various job site. Storage will be in Maryland.</p>		<p>4 NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>THOMAS L. BROWN TELEPHONE NUMBER 4435771600</p>			
<p>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.</p>					
<p>5 RADIOACTIVE MATERIAL</p> <p>a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time</p>		<p>6 PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED</p>			
<p>7 INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE</p>		<p>8 TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</p>			
<p>9 FACILITIES AND EQUIPMENT</p>		<p>10 RADIATION SAFETY PROGRAM</p>			
<p>11 WASTE MANAGEMENT</p>		<p>12 LICENSEE FEES (See 10 CFR 170 and Section 170.31)</p> <p>FEE CATEGORY 3P AMOUNT ENCLOSED \$ 1400.00</p>			
<p>13 CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT</p> <p>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.</p> <p>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.</p>					
<p>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE</p> <p>THOMAS L. BROWN, PRESIDENT</p>		<p>SIGNATURE</p> <p><i>TJB</i></p>	<p>DATE</p> <p>10/25/09</p>		
<p><b>FOR NRC USE ONLY</b></p>					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

<b>Items 7 through 11: Training and Experience, Facilities and Equipment, Radiation Safety Program, and Waste Disposal</b>	
<b>Item No. and Title</b>	<b>Response</b>
7. Individuals Responsible for Radiation Safety Program and their Training and Experience - Radiation Safety Officer: <b>Name: Rolex Njuguna, RSO</b>	TLB has an RSO who have successfully completed the training courses described in criteria in the section entitled "Individuals Responsible for radiation Safety program and their Training experience - Radiation safety Officer" in NUREG-1556, Vol. 1, dated November 2001
8. training for individuals working in or frequenting restricted areas	All users have successfully completed the training course described in Criteria in the section entitled "Training for individuals Working in or frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001
9. Facilities and Equipment	Facilities and Equipment are as addressed under "Radiation Safety Program - Public Dose" and "Radiation safety program - Operating and emergency Procedures."
10. Radioactive Safety Program	
Audit Program	Not required during the licensing phase
Termination of Activities	Not required during the initial application. However, NRC Form 314 will be submitted when the licensee ceases operation
Survey Instruments	TLB has a radiation survey meter that meets the criteria in the section entitled "Radiation Safety Program - Instruments" in NUREG-1556, Vol. 1, Rev 1, dated November 2001
Material Receipt and Accountability	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license
Occupational Dosimetry	We will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of the allowable limits in 10 CFR Part 20.
Public Dose	Not Required during the licensing phase

Operating and Emergency Procedures	TLB will implement and maintain the operating and emergency procedures in Appendix H of NUREG 1556, Vol. 1 rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.
Leak Test	Leak Tests will be performed at intervals approved by NRC and specified in the Sealed source and device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.
Maintenance	Routine Cleaning and Lubrication:
	TLB will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions
	Non-Routine Maintenance
	TLB will send the gauge to the manufacturer or other person authorized by NRC or an agreement State to perform non routine maintenance or repair operations that require the removal of the source or source rod from the gauge
Transportation	Not required during the licensing process
11. Gauge Disposal and Transfer	Not required during the licensing phase

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

10/5/09, and to inform you that the initial processing which includes an administrative review has been performed.

New License Application (03038168)  
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 144232.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)  
(6-96)

Sincerely,  
Licensing Assistance Team Leader