

March 29, 2016

Br. 2

United States Nuclear Regulatory Commission
Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Attention: Sattar Lodhi, Ph.D.

Reference: Termination of License No. 37-28800-01 / 03032977
Advanced GeoServices Corp.
Control No. 580539

Dear Mr. Lodhi:

Advanced GeoServices Corp. has exchanged our Troxler model 3440 nuclear gauges for the newer Model 4590 E-gauges. These newer models use much less radioactive material and are not subject to requirements such as licensing, radiation safety program documentation, etc. See the attached documents for further details.

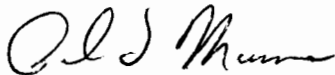
We have transferred ownership of our old gauges to Troxler and have returned them. (See the attached receipt letter from Troxler).

As we no longer possess quantities of radioactive materials that require licensing, we request that you terminate our USNRC License No. 37-28800-01.

If you have any questions regarding this issue, please contact me at (610) 840-9142 or at pmarano@advancedgeoservices.com.

Sincerely,

ADVANCED GEOSERVICES CORP.



Paul F. Marano, P.E.
Radiation Safety Officer

cc: Tom Legel

590566
RADIATION MATERIALS-002



Troxler Electronic Laboratories, Inc. - Troxler International, Ltd.
3008 Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 - USA
Telephone: 1.919.549.8661 Telefax: 1.919.549.0761 Web: troxlerlabs.com

January 30, 2015

Reference: Troxler Model 4590, EGauge, exempt status

Dear Troxler customer,

Thank you for your interest in the new Troxler soil density gauge, Model 4590, EGauge.

We are very excited that this gauge has been granted the exempt status by the US Nuclear Regulatory Commission. This means that it can be distributed to customers who do not have a radioactive materials license in the United States. No radioactive materials license means no license application, no radiation safety program documentation, no inspections and no fees. There is no requirement for operator safety training, TLD badges or special shipping paperwork. It can be used in any state or on Federal land with no special permission from the licensing agency (no reciprocity needed to cross state lines). There are some labels that are required on the shipping case when shipped by a common carrier and a short Hazmat training course (offered online) is also required periodically. With an annual calibration and basic maintenance the EGauge is sure to be as reliable and easy to use as Troxler's nuclear gauges have been for over 50 years.

The link below will take you to Troxler's Materials license for this gauge showing that the NRC has granted the exempt status and that it can be distributed to customers who do not hold a radioactive materials license.

<http://pbadupws.nrc.gov/docs/ML1425/ML14255A120.pdf>

Please visit our website for more information or call Troxler today if you would like to speak to a representative about this or any Troxler product.

Sincerely,
Robyn Myers

Product Manager
Troxler Electronic Laboratories, Inc.
919-549-8661 ext. 2217
rmyers@troxlerlabs.com

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 2

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with application dated April 14, 2014	
1. Troxler Electronic Laboratories, Inc.		3. License number 32-05998-01E is amended in its Entirety to read as follows:	
2. P. O. Box 12057		4. Expiration date September 30, 2024	
Research Triangle Park, North Carolina 27709		5. Docket No. 030-36117 Reference No.	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Cesium-137	A. Disk source (Eckert & Ziegler Isotope Products Model GF-137-D, GF-137-M; Spectrum Techniques Model Cs137S10;)	A. Not applicable (See License Condition 11)	
B. Cesium-137	B. Sealed Source (Eckert & Ziegler Isotope Products Model PHI-137, capsule A3224-04)	B. Not applicable (See License Condition 11)	

9. Authorized use:

In accordance with Section 32.30, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute the CoreReader containing disk source and the moisture density gauge containing sealed source as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR Part 30.22, or equivalent provisions of any Agreement State.

CONDITIONS

10. The following industrial devices containing byproduct material designed and manufactured in accordance with NRC Registration No. NR-0646-D-139-E and NR-0646-D-140-E, may be distributed according to this license provided the amount of Cesium-137 contained in the device does not exceed the amount specified in the following table:

<u>Model</u>	<u>Maximum Quantity per Device</u>
3660 CoreReader	80 microcuries (2.96 MBq)
4590 Moisture Density Gauge	90 microcuries (3.33 MBq)

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
32-05998-01EDocket or Reference Number
030-36117

Amendment No. 2

11. This license does not authorize possession or use of licensed material.
12. The licensee is authorized to distribute only from its facilities located at 3008 Cornwallis Road, Research Triangle Park, North Carolina.
13. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.32.
14. Except as specifically provided otherwise by this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated March 3, 2014 (ML14069A485);
B. Application dated April 14, 2014 (ML14107A329);
C. Letter dated July 25, 2014 (ML14211A637); and
D. Letter dated August 18, 2014 (ML14231B189).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: September 24, 2014By: /RA/

Shirley S. Xu
Licensing Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555



Troxler Electronic Laboratories, Inc. - Troxler International, Ltd.
3008 Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 - USA
Telephone: 919/549-8661 Telefax: 919/549/0761

March 18, 2016

Advanced Geoservices
Attn: Paul Marano
1055 Andrew Drive, Suite A
West Chester, PA 19380

Attn: Paul Marano

This is to acknowledge receipt and transfer of ownership of the nuclear gauge(s) listed below, and the radioactive sources contained therein, to Troxler under North Carolina Radioactive Material License #032-0182-1. You should retain this letter in your files for future reference.

Date Received: 03-17-16

Job Number	Model	Serial Number
42726	3440	23319
42727	3440	26387
42728	3440	28634

Regards,

Emily Davis
Service/Repair Department
Troxler Electronics

ADVANCED
GeoServices

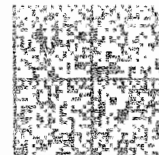
Engineering for the Environment. Planning for People.™

1055 Andrew Drive, Suite A
West Chester, PA 19380-4293

CERTIFIED MAIL™



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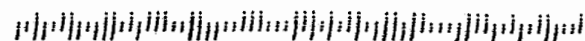


UNITED STATES POSTAGE
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United States Nuclear Regulatory Commission
Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Attention: Sattar Lodhi, Ph.D.

194062713 0022



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

03/29/2016, and to inform you that the initial processing which includes an administrative review has been performed.

☒ 37-28800-01 (Termination)
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 590566
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.