

LO

Systematic Roofing Analysis, Inc.  
1001 James Drive, Suite A12, Leesport, Pennsylvania 19533  
Tel: 610-926-3447 Fax: 610-926-2923  
e-mail: srainc@srasite.com

37-27957-01  
03029764

Date: April 19, 2013

To: \_\_\_\_\_

Fax No.: 610-337-5269

Company: NRC

From: Chuck Fuaman

Total Pages including Cover: 2

Re: LICENSE TERMINATION

Urgent     For Review     Please Comment     Please Reply

Note/Comments:

The attached letter along with NRC Form 314, Transfer Letter, Recipient's Materials License and Leak Test Certificate were faxed to Craig Jordan earlier this month. I am currently waiting for recipient's possession and ownership letter. Changes were transferred Wednesday, April 17, 2013.

REC'D IN LAT 4-26-13  
via fax

580598

**Systematic Roofing Analysis, Inc.**  
1001 James Drive, Suite A12, Leesport, Pennsylvania 19533  
Tel: 610-926-3447 Fax: 610-926-2923  
e-mail: [srainc@srasite.com](mailto:srainc@srasite.com)

Date: April 26, 2013

To: \_\_\_\_\_

Fax No.: 610-337-5269

Company: ARR Co

From: Chuck Furrer

Total Pages including Cover: 15

Re: LICENSE TERMINATION

Urgent     For Review     Please Comment     Please Reply

Note/Comments:

This package was originally faxed to Craig  
Swanson 4/11/13, however, Craig indicated he did  
not receive it. Please include with package faxed  
4/25/13.

Thank You.

<p><b>NRC FORM 314</b> (05-2012) 10 CFR 30.39(j)(1); 40.42(f)(1); 70.36(j)(1); and 72.54(k)(5)(1)(i)</p> <p style="text-align: center;"><b>U.S. NUCLEAR REGULATORY COMMISSION</b></p> <p style="text-align: center;"><b>CERTIFICATE OF DISPOSITION OF MATERIALS</b></p>	<p><b>APPROVED BY OMB: NO. 3160-0028</b>      <b>EXPIRES: 10/31/2013</b></p> <p>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to <a href="mailto:Infocollects.Resource@nrc.gov">Infocollects.Resource@nrc.gov</a>, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), 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.</p>
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<p><b>LICENSEE NAME AND ADDRESS</b> Systematic Roofing Analysis, Inc. 1001 James Drive, Suite A12 Leesport, PA 19533</p>	<p><b>LICENSE NUMBER</b> 37-27957-01</p>	<p><b>DOCKET NUMBER</b> 030-29764</p>
<p><b>LICENSE EXPIRATION DATE</b> April 30, 2013</p>		

**A. LICENSE STATUS (Check the appropriate box)**

This license has expired.       This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**  
*(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)*

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.

2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.

a. Transfer of radioactive materials to the licensee listed below:  
    Infra-Red Analyzers, Inc. (Lic. #44-28404-02) and Building Envelope Consultants, Ltd. (State of WI Lic. #133-1283-01)

b. Disposal of radioactive materials:

1. Directly by the licensee:

2. By licensed disposal site:

3. By waste contractor:

c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

1. A radiation survey was conducted by the licensee. The survey confirms:

a. the absence of licensed radioactive materials

b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

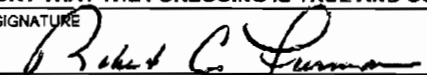
a. The results of the latest leak test are attached; and/or       b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME Robert C. Furman	TITLE Vice President	TELEPHONE (Include Area Code) (610) 926-3447	E-MAIL ADDRESS chuckfurman@srasite.com
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Mail all future correspondence regarding this license to:  
1001 James Drive, Suite A12, Leesport, PA 19533

**C. CERTIFYING OFFICIAL**  
**I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT**

PRINTED NAME AND TITLE Robert C. Furman, Vice President	SIGNATURE 	DATE 4/30/13
--	---	-----------------

**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 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.**



**Systematic Roofing Analysis, Inc.**

April 1, 2013

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission Region 1  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

**RE: Systematic Roofing Analysis, Inc.  
Materials License 37-27957-01**

To Whom It May Concern:

Systematic Roofing Analysis, Inc. is requesting the termination of U.S. Nuclear Regulatory Commission Materials License 37-27957-01. Licensed materials have been transferred/shipped to the attached materials license holders in accordance with the NRC requirements.

Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Robert Furman', is written over a light blue horizontal line.

Robert Furman  
Vice President

RF/dp

Attachments



**Systematic Roofing Analysis, Inc.**

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April 1, 2013

Mr. John P. Phillips  
Infra-Red Analyzers, Inc.  
65 Lyman Drive  
Williston, VT 05495

**RE: Nuclear Moisture Gauges  
Model #3216, Serial Number 53 and 238**

Mr. Phillips:

Systematic Roofing Analysis, Inc. is transferring ownership and physical possession of our Troxler nuclear moisture gauges, Model 3216, Serial Number 53 and 238, to Infra-Red Analyzers, Inc.

Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Very truly yours,

A handwritten signature in black ink that reads 'Robert Furman'.

Robert Furman  
Vice President

RF/dp

APR/25/2013/THU 08:45 AM Systematic Roofing  
04/25/2013 07:26 802-876-7339  
APR/24/2013/WED 11:24 AM Systematic Roofing

FAX No. 6109262923  
INFRARED ANALYZERS  
FAX No. 6109262923

P. 002  
PAGE 01/01  
P. 002

# Vector Mapping IR ANALYZERS INFRARED NUCLEAR

Hi Chuck,

I received the nuclear gauges that you shipped to me last week. The Troxler 3216 nuclear gauges with serial numbers 53 and 238 have been accepted and are in my possession.

Sincerely,

J.P. Phillips RSO  
Director of Operations  
Infra-red Analyzers, Inc.

Toll free: 800-879-1964  
Mobile: 802-238-2083  
Fax: 866-506-3522  
e-mail: [jpphillips@iranalyzers.com](mailto:jpphillips@iranalyzers.com)  
Web: [www.iranalyzers.com](http://www.iranalyzers.com)

Nationwide service since 1984



Established 1984 • 65 Lyman Drive • Williston, VT 05495  
[www.iranalyzers.com](http://www.iranalyzers.com) • 800-879-1964 • Fax: 866-506-3522 • [Info@iranalyzers.com](mailto:Info@iranalyzers.com)  
Nashua • Worcester • New Haven • New York • Burlington

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 3 PAGES  
Amendment No. 02**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 the application dated February 15, 2012,	
1. Infra-Red Analyzers, Inc.		3. License number 44-28404-02 is amended in its entirety to read as follows:	
2. 65 Lyman Drive Williston, Vermont 05495		4. Expiration date March 31, 2022	
		5. Docket No. 03036004 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. Americium 241	A. Sealed Sources (QSA Global Inc. Model AMNV.997 and Isotope Product Laboratories Model Am1.NO2)	A. 132 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State	
9. Authorized use:			
A. In Troxler Electronic Laboratories, Inc. Model Nos. 3216 and 3218 portable gauging devices for measuring physical properties of materials.			

**CONDITIONS**

10. Licensed material may be used or stored at the licensee's facilities located at 237 Commerce Street, Suite 260, Williston, Vermont, and may be used 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, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

NRC FORM 374A

PAGE 2 OF 3 PAGES

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
44-28404-02Docket or Reference Number  
03036004

Amendment No. 02

11. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in the application dated February 15, 2012, and have been designated, in writing, by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
12. The Radiation Safety Officer for this license is John P. Phillips.
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.



NRC FORM 374A

PAGE 3 OF 3 PAGES

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
44-28404-02Docket or Reference Number  
03036004

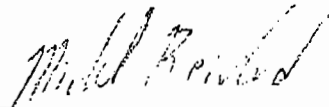
Amendment No. 02

15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport or storage, or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. Except as specifically provided otherwise in 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 February 15, 2012 (ML12055A303)  
B. Facsimile dated March 1, 2012 (ML12062A151)

For the U.S. Nuclear Regulatory Commission

Date March 6, 2012

By

  
Michael Reichard  
Materials Security and Industrial Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406

Tuesday, March 6, 2012 14:44:33

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057  
 Research Triangle Park, NC 27709  
 Tel: (877) 876-9537 Fax: (866) 391-2759  
 License: NC 032-0182-1

CHUCK FURMAN  
 SYSTEMATIC ROOFING ANALY.  
 1001 JAMES DRIVE  
 SUITE A12  
 LEESPORT, PA 19533

Cust ID: 3613

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**LEAK TEST CERTIFICATE**


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**DEVICE:**

**Model:** 3216      **Serial No:** 53

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-4903	10/14/1981	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

**Sample collected on:** 03/27/2013  
**Sample analyzed on:** 04/04/2013 11:16:29 A      **Position:** 36  
**Analyzed by:** HEB

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	26
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.2E-01	1.3E+00

**This certifies that the leak test results are:**

**Less than 185 Bq (0.005 uCi)**       **Greater than 185 Bq (0.005 uCi)**

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

CHUCK FURMAN  
SYSTEMATIC ROOFING ANALY.  
1001 JAMES DRIVE  
SUITE A12  
LEESPORT, PA 19533

Cust ID: 3613

---

**LEAK TEST CERTIFICATE**


---

**DEVICE:**

Model: 3216

Serial No: 53

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-4903	10/14/1981	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

Sample collected on: 07/20/2012

Sample analyzed on: 07/26/2012 10:05:10 A Position: 11

Analyzed by: drose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	0	25
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

 Less than 185 Bq (0.005 uCi)

 Greater than 185 Bq (0.005 uCi)

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

CHUCK FURMAN  
SYSTEMATIC ROOFING ANALY.  
1001 JAMES DRIVE  
SUITE A12  
LEESPORT, PA 19533

Cust ID: 3613

---

**LEAK TEST CERTIFICATE**


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**DEVICE:****Model:** 3216**Serial No:** 238**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-6942	07/08/1984	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:****Sample collected on:** 03/27/2013**Sample analyzed on:** 04/09/2013 9:13:47 AM **Position:** 1**Analyzed by:** NL

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	25
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.2E-01	1.3E+00

**This certifies that the leak test results are:** **Less than 185 Bq (0.005 uCi)** **Greater than 185 Bq (0.005 uCi)**

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057  
 Research Triangle Park, NC 27709  
 Tel: (877) 876-9537 Fax: (866) 391-2759  
 License: NC 032-0182-1

CHUCK FURMAN  
 SYSTEMATIC ROOFING ANALY.  
 1001 JAMES DRIVE  
 SUITE A12  
 LEESPORT, PA 19533

Cust ID: 3613

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**LEAK TEST CERTIFICATE**


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**DEVICE:**

Model: 3216                      Serial No: 238

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-6942	07/08/1984	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

Sample collected on: 07/20/2012  
 Sample analyzed on: 07/26/2012 10:06:22 A      Position: 12  
 Analyzed by: drose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	0	22
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi)                       Greater than 185 Bq (0.005 uCi)



TROXLER ELECTRONIC LABORATORIES  
3008 Cornwallis Rd • P.O. Box 12057 • Research Triangle Park, NC 27709  
Phone +1-919-549-8661 • Fax +1-919-485-2250 • www.troxlerlabs.com

Please print all information clearly

Name Chuck Furman Sample Date 3/27/13  
 Company Systematic Roofing Analysis Device \_\_\_\_\_  
 Address 1001 James Drive Suite A12 Model 3216 Serial # 53  
Leesport PA 19533 Source \_\_\_\_\_  
 Radionuclide 241:Be Serial # 47-4903  
 Phone 610-926-3447 Radionuclide \_\_\_\_\_ Serial # \_\_\_\_\_  
 E-mail \_\_\_\_\_

CUSTOMER COPY



TROXLER ELECTRONIC LABORATORIES  
3008 Cornwallis Rd • P.O. Box 12057 • Research Triangle Park, NC 27709  
Phone +1-919-549-8661 • Fax +1-919-485-2250 • www.troxlerlabs.com

Please print all information clearly

Name Chuck Furman Sample Date 3/27/13  
 Company Systematic Roofing Analysis Device \_\_\_\_\_  
 Address 1001 James Drive Suite A12 Model 3216 Serial # 238  
Leesport PA 19533 Source \_\_\_\_\_  
 Radionuclide 241:Be Serial # 47-6942  
 Phone 610-926-3447 Radionuclide \_\_\_\_\_ Serial # \_\_\_\_\_  
 E-mail \_\_\_\_\_

CUSTOMER COPY



**Systematic Roofing Analysis, Inc.**

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April 1, 2013

Mr. Todd Stair  
Building Envelope Consultants, Ltd.  
1230 South West Avenue  
Waukesha, WI 53186

**RE: Nuclear Moisture Gauge  
Model #3216, Serial Number 407**

Mr. Stair:

Systematic Roofing Analysis, Inc. is transferring ownership and physical possession of our Troxler nuclear moisture gauge, Model 3216, Serial Number 407, to Building Envelope Consultants, Ltd.

Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Very truly yours,

A handwritten signature in black ink that reads "Robert Furman".

Robert Furman  
Vice President

RF/dp



**Building Envelope  
Consultants, Ltd.**

Architects • Engineers • Roof Consultants

Waukesha, WI  
Chesterfield, MO  
Edina, MN  
Chicago, IL

April 19, 2013

Chuck Furman  
Systematic Roofing Analysis  
1001 James Drive  
Suite A12  
Leesport, PA 19533

**RE: Troxler Portable Gauge Serial Number 407**

Dear Mr. Furman:

We have received , and are in possession of the Troxler Portable gauge serial number 407 that you shipped to us this week.

We really appreciate your generosity.

Thank you so much.

Sincerely,  
Building Envelope Consultants Ltd.



Todd Stair, Operations Mgr.

Todd Stair  
Operations Manager





STATE OF WISCONSIN  
DEPARTMENT OF HEALTH SERVICES

**RADIOACTIVE MATERIALS LICENSE**

Under s.254.365, Wisconsin Statutes and Chapter DHS 157, Wisconsin Administrative Code, and in reliance on statements and representations made by the licensee, a license is issued authorizing the licensee to receive, acquire, possess and transfer radioactive material designated below; to use the material for the purpose(s) and at the place(s) designated below; and to deliver or transfer the material to persons authorized to receive it in accordance with Chapter DHS 157, Wisconsin Administrative Code. This license is subject to all applicable rules and orders of the Wisconsin Department of Health Services (DHS) including Chapter DHS 157, Wisconsin Administrative Code now or hereafter in effect, and to any conditions specified below.

Licensee Name and Address  1. Building Envelope Consultants, Ltd.  2. P. O. Box 1307 Waukesha, WI 53187		In accordance with application dated October 30, 2012, 3. License Number: 133-1283-01 is renewed in its entirety to read as follows:  4. Amendment No.: 03  5. Expiration Date: December 31, 2017	
6. Radioactive material:	7. Chemical and/or physical form:	8. Maximum amount of radioactive materials that the licensee may possess at any one time under this license:	9. Authorized Use:
A. Americium-241:Be	A. Sealed source registered either with NRC under 10 CFR 32.210 or with an Agreement State.	A. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State. Total possession limit not to exceed 100 millicuries.	A. To be used in CPN International, Inc. Model MCM-2 and Troxler Model 3216 gauges for measuring moisture content of construction materials.

CONDITIONS

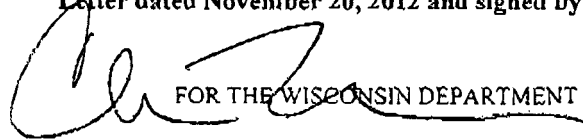
10. Licensed material may be stored at the licensee's facilities located at 1230 S. West Avenue, Waukesha and may be used at temporary job sites of the licensee anywhere in Wisconsin where DHS maintains jurisdiction for regulating the use of licensed material.
11. The Radiation Safety Officer for this license is David Balistreri.
12. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the Application dated October 30, 2012; have been instructed in licensee's operating and emergency procedures and have been approved in writing by the RSO.

**RADIOACTIVE MATERIALS  
LICENSE  
SUPPLEMENTARY SHEET**

License Number: 133-1283-01

Amendment No: 03

- 13. The licensee is authorized to transport licensed material in accordance with the provisions of Chapter DHS 157, 'Radiation Protection', Subchapter XIII, 'Transportation'.
- 14. Except for maintaining labeling as required by Chapter DHS 157 'Radiation Protection', Subchapter III or Subchapter XIII, the licensee shall obtain authorization from DHS before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificate(s) of Registration issued either by the NRC pursuant to 10 CFR 32.210 or by an Agreement State.
- 15. Any cleaning, maintenance, or repair of the gauge(s) that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by DHS, the NRC or another Agreement State to perform such services.
- 16. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
- 17. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by DHS, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, location of sealed sources and/or devices, and the date of the inventory.
- 18. The licensee shall maintain a utilization log where the portable gauge(s) are stored. The log shall contain the date(s) of use, temporary job site(s), serial number of the gauge, and the name(s) of the authorized user(s).
- 19. When performing tests at temporary job sites, the authorized user shall not leave the gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss, or theft.
- 20. Notwithstanding the requirements of DHS 157.24, no sealed sources shall be stored for a period of more than 3 years without being tested for leakage or contamination.
- 21. Except as specifically provided otherwise in 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. Chapter DHS 157, 'Radiation Protection' shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the rule.
  - A. Application, with attachments, dated October 30, 2012 and signed by David Balistreri.
  - B. Letter dated November 20, 2012 and signed by Todd Stair.



FOR THE WISCONSIN DEPARTMENT OF HEALTH SERVICES

SIGNATURE

Materials Program Supervisor

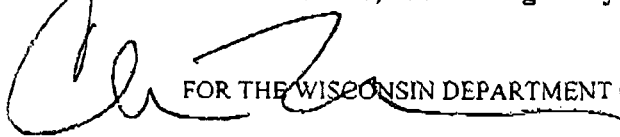
13 DEC 12  
DATE

DPH 45018 (07/03)

Page 2 of 2

**RADIOACTIVE MATERIALS  
LICENSE  
SUPPLEMENTARY SHEET**License Number: 133-1283-01  
Amendment No: 03

13. The licensee is authorized to transport licensed material in accordance with the provisions of Chapter DHS 157, 'Radiation Protection', Subchapter XIII, 'Transportation'.
14. Except for maintaining labeling as required by Chapter DHS 157 'Radiation Protection', Subchapter III or Subchapter XIII, the licensee shall obtain authorization from DHS before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificate(s) of Registration issued either by the NRC pursuant to 10 CFR 32.210 or by an Agreement State.
15. Any cleaning, maintenance, or repair of the gauge(s) that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by DHS, the NRC or another Agreement State to perform such services.
16. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
17. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by DHS, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, location of sealed sources and/or devices, and the date of the inventory.
18. The licensee shall maintain a utilization log where the portable gauge(s) are stored. The log shall contain the date(s) of use, temporary job site(s), serial number of the gauge, and the name(s) of the authorized user(s).
19. When performing tests at temporary job sites, the authorized user shall not leave the gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss, or theft.
20. Notwithstanding the requirements of DHS 157.24, no sealed sources shall be stored for a period of more than 3 years without being tested for leakage or contamination.
21. Except as specifically provided otherwise in 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. Chapter DHS 157, 'Radiation Protection' shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the rule.
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FOR THE WISCONSIN DEPARTMENT OF HEALTH SERVICES

SIGNATURE

Materials Program Supervisor

DATE

13DEC12



**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057  
 Research Triangle Park, NC 27709  
 Tel: (877) 876-9537 Fax: (866) 391-2759  
 License: NC 032-0182-1

CHUCK FURMAN  
 SYSTEMATIC ROOFING ANALY.  
 1001 JAMES DRIVE  
 SUITE A12  
 LEESPORT, PA 19533

Cust ID: 3613

**LEAK TEST CERTIFICATE**

**DEVICE:**

**Model:** 3216      **Serial No:** 407

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-23330	08/14/1996	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

**Sample collected on:** 03/26/2013  
**Sample analyzed on:** 04/04/2013 11:09:15 A      **Position:** 30  
**Analyzed by:** HEB

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	21
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.2E-01	1.3E+00

**This certifies that the leak test results are:**

**Less than 185 Bq (0.005 uCi)**       **Greater than 185 Bq (0.005 uCi)**

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 LEESPORT, PA 19533

Cust ID: 3613

---

**LEAK TEST CERTIFICATE**


---

**DEVICE:**

**Model:** 3216      **Serial No:** 407

**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
47-23330	8/14/1996	Am-241:Be	1.48	40

**LEAK TEST ANALYSIS:**

**Sample collected on:** 07/27/2012

**Sample analyzed on:** 7/27/2012 10:43:50 AM      **Position:** 8

**Analyzed by:** drose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	1	29
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

**This certifies that the leak test results are:**

**Less than 185 Bq (0.005 uCi)**       **Greater than 185 Bq (0.005 uCi)**



TROXLER ELECTRONIC LABORATORIES  
3008 Cornwallis Rd • P.O. Box 12057 • Research Triangle Park, NC 27709  
Phone +1-919-549-8661 • Fax +1-919-485-2250 • www.troxlerlabs.com

Please print all information clearly

Name Charles Eumann Sample Date 3/26/13

Company Systematic Roofing Analysis Device \_\_\_\_\_

Address 1001 JAMES Sr. STE. A12 Model 3216 Serial # 407

LEESPORT, PA 19533 Source \_\_\_\_\_

Radionuclide 241:Po Serial # 47-23230

Phone 610-920-3447 Radionuclide \_\_\_\_\_ Serial # \_\_\_\_\_

E-mail \_\_\_\_\_

ORIGINAL COPY

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

*received 4-26-13*, and to inform you that the initial processing which includes an administrative review has been performed.

*Terminate: 37-27957-01*  
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

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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** 580598.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.