

**U.S. NRC Region III  
2443 Warrenville Road  
Suite 210  
Lisle, Illinois 60532-4352**

**Ms. Erin Kennedy**

U.S. Nuclear Regulatory Commission, Region III  
Health Physicist- Materials Licensing

**Subject:           Docket Number 030-38912  
                          License Number 13-35299-01  
                          License Termination Documents (Form 699 response)**

Ms. Kennedy,

Following is in response to requested items from the above listed 699 document containing those requests.

Oz Engineering LLC holder of license 13-35299-01 possessed six Troxler 3400 series gauges. They are listed below.

<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222
2. Troxler	3430	71223
3. Troxler	3430	71224
4. Troxler	3430	71240
5. Troxler	3430	71432
6. Troxler	3430	71433

Sincerely,



Nick Lococo

Radiation Safety Officer

OZ Engineering LLC

**U.S. NRC Region III  
2443 Warrenville Road  
Suite 210  
Lisle, Illinois 60532-4352**

**Ms. Erin Kennedy**

U.S. Nuclear Regulatory Commission, Region III  
Health Physicist- Materials Licensing

**Subject:       Docket Number 030-38912  
                  License Number 13-35299-01  
                  License Termination Documents (Form 699 response)**

Ms. Kennedy,

Following are the most recent leak tests for the below listed gauges held by OZ Engineering under license 13-35299-01;

<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222
2. Troxler	3430	71223
3. Troxler	3430	71224
4. Troxler	3430	71240
5. Troxler	3430	71432
6. Troxler	3430	71433

InstroTek, Inc.  
1 Triangle Drive, PO Box 13944  
Research Triangle Park, NC 27709  
(919)875-8371 Fax (919)875-8328

10/9/2018  
Test Number: 1

DOUG JURY  
GeoCon Service(FRANKFORT)  
9370 W. LARAWAY RD, suite D  
Frankfort, IL 60423

Phone: (815)523-7924  
Fax: (815)464-8691

**LEAK TEST CERTIFICATE**  
**NC Materials License #092-1073-1**

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430  
Gauge S/N: 71222

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10484	0.00000
77-14094	0.00023

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.<sup>o</sup> The source(s) tested above may remain in use.

Reviewed by: \_\_\_\_\_

Date: 10/09/2018

Customer Signature: \_\_\_\_\_

Date: \_\_\_\_\_

<sup>o</sup>CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

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**LEAK TEST CERTIFICATE**  
**NC Materials License #092-1073-1**

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430  
Gauge S/N: 71223

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10485	0.00000
77-14095	0.00025

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.° The source(s) tested above may remain in use.

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

°CFN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

InstroTek, Inc.  
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(919)875-8371 Fax (919)875-8328

T-1

9/19/2018  
Test Number: 1

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Frankfort, IL 60423

Phone: (815)523-7924  
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**LEAK TEST CERTIFICATE**  
**NC Materials License #092-1073-1**

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430  
Gauge S/N: 71224

Test Date: 9/14/2018

Source (Model/Serial#)	Reading in microCuries
78-10486	0.00000
77-14906	0.00024

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.° The source(s) tested above may remain in use.

Reviewed by:



Date: 09/19/2018

Customer Signature: \_\_\_\_\_

Date: \_\_\_\_\_

°CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

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Research Triangle Park, NC 27709  
(919)875-8371 Fax (919)875-8328

10/9/2018  
Test Number: 1

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Frankfort, IL 60423

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## LEAK TEST CERTIFICATE

### NC Materials License #092-1073-1

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430  
Gauge S/N: 71240

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10489	0.00000
77-14911	0.00028

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.° The source(s) tested above may remain in use.

Reviewed by: \_\_\_\_\_

Date: 10/09/2018

Customer Signature: \_\_\_\_\_

Date: \_\_\_\_\_

°CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

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InstroTek, Inc.  
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9/19/2018  
Test Number: 1

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### LEAK TEST CERTIFICATE

#### NC Materials License #092-1073-1


This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430  
Gauge S/N: 71432

Test Date: 9/14/2018

Source (Model/Serial#)	Reading in microCuries
78-10592	0.00000
77-15029	0.00021

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.° The source(s) tested above may remain in use.

Reviewed by:  Date: 09/19/2018

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

°CFR gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

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## LEAK TEST CERTIFICATE

### NC Materials License #092-1073-1

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430  
Gauge S/N: 71433

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10593	0.00000
77-15030	0.00030

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.° The source(s) tested above may remain in use.

Reviewed by: 

Date: 10/09/2018

Customer Signature: \_\_\_\_\_

Date: \_\_\_\_\_

°CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.



Sincerely,

A handwritten signature in blue ink, appearing to read 'Nick Lococo', with a stylized flourish at the end.

Nick Lococo

Radiation Safety Officer

OZ Engineering LLC

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**Ms. Erin Kennedy**

U.S. Nuclear Regulatory Commission, Region III

Health Physicist- Materials Licensing

Ms. Kennedy,

Under License 13-35299-01 OZ Engineering was authorized to possess 8 Troxler 3400 Series gauges. Oz never reached that capacity and only at one time possessed 6 Troxler Density Gauges 3400 Series. The above listed gauges are the 6 referred to above. Under the License 13-35299-01 there was never a possessed gauge that contained a leaking source.

Sincerely,



Nick Lococo

Radiation Safety Officer

OZ Engineering LLC

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2443 Warrenville Road  
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Lisle, Illinois 60532-4352

Ms. Erin Kennedy  
Health Physicist- Materials Licensing

Ms. Kennedy,

OZ Engineering LLC is transferring control of the following Troxler 3400 Series Nuclear Density Gauges to Geocon Professional Services LLC. Geocon received possession of the listed gauges on July 20, 2018.

<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222
2. Troxler	3430	71223
3. Troxler	3430	71224
4. Troxler	3430	71240
5. Troxler	3430	71432
6. Troxler	3430	71433



Nick Lococo  
Radiation Safety Officer  
OZ Engineering LLC



Susan Maslanka

Secretary-Treasurer  
Geocon Professional Services LLC

## Song, Taehoon

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**From:** Kennedy, Erin  
**Sent:** Friday, April 19, 2019 9:05 AM  
**To:** Pavon, Sandy; Song, Taehoon; Sandrik, Lauren  
**Cc:** Tomczak, Tammy  
**Subject:** Additional Information Needed to Terminate NRC Lic. No. 13-35299-01  
**Attachments:** 13-35299-01 Listed Possesed Gauges Form 699 response Item 1.pdf; 13-35299-01 Recent Leak Tests Form 699 response Item 2.pdf; 13-35299-01 Auth Possesion Leak History Form 699 response Item 3.pdf; 13-38299-01 Transfer of Control Form 699 response Item 4.pdf

Good Morning,

Please add the attached document to ADAMS.

Licensee: OZ Engineering  
LN:13-35299-01  
DN:030-38912  
CN: 611833

Thank You,  
Erin

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**From:** Doug Jury [mailto:djury@geoconcompanies.com]  
**Sent:** Wednesday, April 17, 2019 2:51 PM  
**To:** Kennedy, Erin <Erin.Kennedy@nrc.gov>  
**Subject:** [External\_Sender] RE: Additional Information Needed to Terminate NRC Lic. No. 13-35299-01

Erin,

Attached are the responses to the requested items 1-4 from the NRC Form 699 received on 04/11/2019. Please inform me if changes, Corrections or additions need to be made on any of the submittals. Thank you.

Douglas R. Jury



O 815-523-7924  
C 815-509-3629  
[djury@geoconcompanies.com](mailto:djury@geoconcompanies.com)

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**From:** Kennedy, Erin <Erin.Kennedy@nrc.gov>  
**Sent:** Thursday, April 11, 2019 1:29 PM  
**To:** Doug Jury <djury@geoconcompanies.com>; Nick Lococo <nick.lococo@geoconcompanies.com>  
**Subject:** Additional Information Needed to Terminate NRC Lic. No. 13-35299-01

Good Afternoon Mr. Jury and Mr. Lococo,

Thank you for taking the time to discuss the termination of your NRC license with me this morning. Please see the attached conversation record for further details. If you have any questions, I will be available at 630-829-9876.

Thank you,

*Erin Kennedy*

U.S. Nuclear Regulatory Commission, Region III  
Health Physicist- Materials Licensing  
Email: [erin.kennedy@nrc.gov](mailto:erin.kennedy@nrc.gov)  
Office: 630-829-9876

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