



106 W. Allegan St. Suite 500  
Lansing, MI 48933  
O: 517.371.1200  
www.c2ae.com

October 25, 2019

Erin Kennedy  
Materials Licensing Branch  
United States Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

**Re: Materials License Amendment Request**  
**License No. 21-24979-01**  
**Docket No. 030-3000042**

Dear Ms. Kennedy,

Pursuant to your email dated October 17, 2019, regarding our amendment request dated August 2, 2019 to our material license, please see the following additional information regarding the new storage location and the removal of the previous storage locations.

The proposed new storage location at 2420 North Grand River Avenue, Lansing, Michigan 48912 will be used for equipment storage only. The units will not contain office space and will not normally be occupied by employees or members of the public.

Additionally, we are requesting to amend our Material License to remove the address of 717 South Pennsylvania Avenue, Lansing, Michigan, 48912 and 725 Prudden Street, Lansing, MI 48906. All radioactive material has been removed from these two locations. The following Troxler gauges were stored at these locations:

- Serial Number 18434, Model 3440
- Serial Number 20054, Model 3440
- Serial Number 20973, Model 3440
- Serial Number 21728, Model 3430
- Serial Number 27020, Model 3440
- Serial Number 64030, Model 3440

Enclosed you will find a copy of the most recent lead tests performed for each Troxler gauge dated December 2018. Previous leak tests performed were within compliance and we have no record or evidence of a gauge leaking at either location.

We thank you in advance for your expedited review and if you have any questions, please do not hesitate to contact me. Thank you.

Sincerely,

C2AE

Cory S. Davis, PE  
Project Manager/Radiation Safety Officer

CSD/bad

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

12/28/2018  
Test Number: 9

CORY DAVIS  
C2AE(LANSING)  
106 W. ALLEGAN STREET  
SUITE 500  
LANSING, MI 48933

Phone: (517)371-1200

**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: 3440  
Gauge S/N: 18434

Test Date: 12/20/2018

Source (Model/Serial#)	Reading in microCuries
47-13888	0.00000
50-7944	0.00029

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: \_\_\_\_\_

12/28/2018

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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(919)875-8371 Fax (919)875-8328

12/28/2018  
Test Number: 8

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

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Gauge Model: 3440  
Gauge S/N: 20054

Test Date: 12/20/2018

Source (Model/Serial#)	Reading in microCuries
47-15538	0.00000
75-1299	0.00027

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: 12/28/2018

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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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.

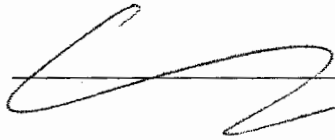
Gauge Model: 3440  
Gauge S/N: 20973

Test Date: 12/20/2018

Source (Model/Serial#)	Reading in microCuries
47-16474	0.00000
75-2397	0.00030

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:

12/28/2018

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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12/28/2018  
Test Number: 9

RECEIVED

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JAN 07 2019

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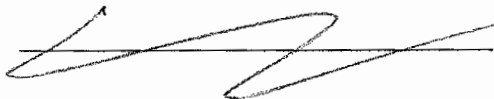
Gauge Model: 3430  
Gauge S/N: 21728

Test Date: 12/20/2018

Source (Model/Serial#)	Reading in microCuries
47-17001	0.00000
75-3277	0.00030

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

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12/28/2018

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

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Gauge Model: 3440  
Gauge S/N: 27020

Test Date: 12/20/2018

Source (Model/Serial#)	Reading in microCuries
47-23493	0.00000
750-259	0.00029

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.

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

12/28/2018

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

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

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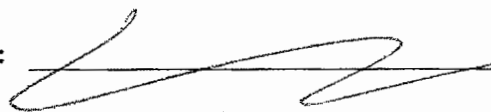
Gauge Model: 3440  
Gauge S/N: 64030

Test Date: 12/20/2018

Source (Model/Serial#)	Reading in microCuries
78-6496	0.00000
77-10160	0.00031

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

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12/28/2018

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

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

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## Song, Taehoon

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**From:** Kennedy, Erin  
**Sent:** Friday, October 25, 2019 11:34 AM  
**To:** Song, Taehoon; Pavon, Sandy  
**Subject:** Additional Information Needed for Amendment of Your NRC Materials  
**Attachments:** 191025\_NRC\_AmendmentRequest\_FollowUp.pdf

Good Morning,

Please add the attached document to ADAMS:

Licensee: Capital Consultants, Inc.

License No.: 21-24979-01  
Doc. No.: 030-30042  
CN: 613808

Thank You,  
Erin

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**From:** Davis, Cory <cory.davis@C2AE.COM>  
**Sent:** Friday, October 25, 2019 10:45 AM  
**To:** Kennedy, Erin <Erin.Kennedy@nrc.gov>  
**Subject:** [External\_Sender] RE: Additional Information Needed for Amendment of Your NRC Materials

Hi Erin:

Thank you again for your help in addressing our amendment request. Please see the attached additional information discussed yesterday. Please let me know if you need any additional information. Thank you.

**Cory Davis, PE**  
Project Manager, Professional Engineer

**C2AE**  
**architecture | engineering**  
648 Monroe Ave. NW Suite 210  
Grand Rapids, MI 49503  
O: 616.389.2641  
M: 810.922.5859

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