



March 21, 2022

Ms. Erin Kennedy
U.S. Nuclear Regulatory Commission – Region I
2100 Renaissance Blvd., Suite 100
King of Prussia, Pennsylvania 19406-2713

Dear Ms. Kennedy:

Subject: License Amendment (License No. 37-28465-01)

Civil & Environmental Consultants, Inc. (CEC) is requesting an amendment to Radioactive Material License No. 37-28465-01. Due to office relocations, CEC requests the following addresses be removed from Condition 10 of License No. 37-28465-01.

- 1 North Pennsylvania Ave., Indianapolis, Indiana, 46204
- 4848 Park 370 Blvd., Ste. F, Hazelwood, Missouri, 63042
- 600 Marketplace Ave., Bridgeport, West Virginia, 26330

Please note there are no leaking sources at these three (3) facilities. Additionally, the following ten (10) portable nuclear density gauges have been moved from the Bridgeport, West Virginia address above to 1674 Saltwell Rd., Shinnston, West Virginia, 26431. Recent leak tests for the gauges listed below are provided as Attachment A.

<u>CEC Gauge Name</u>	<u>Model No.</u>	<u>Serial No.</u>
Bpt 2	3430	20312
Bpt 3	3430	71785
Bpt 4	3430	71786
Bpt 5	3430	72367
Bpt 6	3430	72574
Bpt 8	3430	34640
Bpt 9	3430	38908
Bpt 10	3500	4013
Bpt 11	3500	4098
Bpt 12	3500	4097

Very truly yours,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

David Parise, ASP
Radiation Safety Officer

Daniel A. Maltese
Vice President/Management Representative

Attachment

Nuclear Radiation License Amendment-3.21.22

ATTACHMENT A

INSTROTEK® COMPANIES



INSTROTEK • CPN • HMA • RAINHART

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

Doug Peters
Civil & Environmental Consultants (Bridgeport)
120 Genesis Blvd
Bridgeport, WV 26330

Phone: 304-550-1464

LEAK TEST CERTIFICATE InstroTek 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.

Make: Troxler, Inc.
Model: 3430
Serial Number: 20312

Date Swabbed: 1/7/2022
Analysis Date: 1/10/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	47-15805	0.000005
Cs-137	75-1648	0.000184

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

Reviewed by: _____
Customer Signature: _____

Print Date: 1/10/2022
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. Refer to the manual for other products.

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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.

Make: Troxler, Inc.
Model: 3430 Plus
Serial Number: 71785

Date Swabbed: 3/8/2022
Analysis Date: 3/9/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	78-10715	0
Cs-137	77-15265	0.000233

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

Reviewed by: _____
Customer Signature: _____

Print Date: 3/9/2022
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. Refer to the manual for other products.

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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.

Make: Troxler, Inc.
Model: 3430
Serial Number: 71786

Date Swabbed: 1/7/2022
Analysis Date: 1/10/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	78-10716	0.000005
Cs-137	77-15266	0.000181

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

Reviewed by: _____
Customer Signature: _____

Print Date: 1/10/2022
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. Refer to the manual for other products.

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Bijoy Halder
Civil Environmental Consultants (Bridgeport)
600 Marketplace Suite 200
Bridgeport, WV 26330

Phone: 304-933-3119
Fax: 304-933-3327

LEAK TEST CERTIFICATE InstroTek 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.

Make: Troxler, Inc.
Model: 3430 Plus
Serial Number: 72367

Date Swabbed: 11/30/2021
Analysis Date: 12/3/2021

Source Type	Serial Number	Reading (uCi)
AmBe-241	47-21585	0
Cs-137	77-15588	0.000176

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

Reviewed by: _____
Customer Signature: _____

Print Date: 12/3/2021
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. Refer to the manual for other products.

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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.

Make: Troxler, Inc.
Model: 3430
Serial Number: 72574

Date Swabbed: 11/30/2021
Analysis Date: 12/3/2021

Source Type	Serial Number	Reading (uCi)
AmBe-241	78-11055	0.000003
Cs-137	77-15723	0.000194

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

Reviewed by: _____
Customer Signature: _____

Print Date: 12/3/2021
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. Refer to the manual for other products.

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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.

Make: Troxler, Inc.
Model: 3430
Serial Number: 34640

Date Swabbed: 11/30/2021
Analysis Date: 11/30/2021

Source Type	Serial Number	Reading (uCi)
AmBe-241	47-6803	0.000005
Cs-137	77-1646	0.000192

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

Reviewed by: _____
Customer Signature: _____

Print Date: 11/30/2021
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. Refer to the manual for other products.

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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.

Make: Troxler, Inc.
Model: 3430
Serial Number: 38908

Date Swabbed: 3/13/2022
Analysis Date: 3/21/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	78-3836	0.000003
Cs-137	77-6351	0.000185

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

Reviewed by: _____
Customer Signature: _____

Print Date: 3/21/2022
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. Refer to the manual for other products.

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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.

Make: InstroTek, Inc.
Model: 3500
Serial Number: 4013

Date Swabbed: 3/1/2022
Analysis Date: 3/2/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	K894/19	0.000003
Cs-137	BG1009	0.000238

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

Reviewed by: _____
Customer Signature: _____

Print Date: 3/21/2022
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.

Make: InstroTek
Model: 3500
Serial Number: 4098

Date Swabbed: 1/7/2022
Analysis Date: 1/10/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	K257/20	0.000013
Cs-137	BG1099	0.000131

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

Reviewed by: _____
Customer Signature: _____

Print Date: 1/10/2022
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. Refer to the manual for other products.

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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.

Make: INSTROTEK
Model: 3500
Serial Number: 4097

Date Swabbed: 1/7/2022
Analysis Date: 1/10/2022

Source Type	Serial Number	Reading (uCi)
AmBe-241	K256/20	0.000008
Cs-137	BG1098	0.000215

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

Reviewed by: _____
Customer Signature: _____

Print Date: 1/10/2022
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. Refer to the manual for other products.

Pavon, Sandy

From: Kennedy, Erin
Sent: Tuesday, March 22, 2022 11:02 AM
To: Tomczak, Tammy; Pavon, Sandy; Pavon, Martha
Subject: FW: RE: Removing Locations of Use from your NRC License
Attachments: Nuclear Radiation License Amendment-3.21.22.pdf

Good morning,

Will you please add the attached document to ADAMS and control the action in as a new amendment request?

Thank you,
Erin

From: Parise, David <dparise@cecinc.com>
Sent: Monday, March 21, 2022 3:58 PM
To: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Subject: [External_Sender] RE: Removing Locations of Use from your NRC License

Good afternoon Ms. Kennedy – Per our recent conversation, please see attached.

Any questions please let me know.

Thank you,

David J. Parise, ASP | Safety Manager
Civil & Environmental Consultants, Inc.
333 Baldwin Road, Pittsburgh, PA 15205
direct 412.249.1609 **office** 412.429.2324 **mobile** 412.400.1545
www.cecinc.com

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From: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Sent: Friday, March 4, 2022 1:57 PM
To: Parise, David <dparise@cecinc.com>
Subject: Removing Locations of Use from your NRC License

Hi David,

In order to remove a location of use from your license, all of your gauges will need to be removed and stored at one of the other locations listed on your license. You will then need to provide a signed and dated letter which addresses the following:

- A specific request to remove the location

- a list of the gauges (including the serial numbers) which have been stored at this location
- a discussion of the historical leak test data (have you ever had a leaking gauge at the location?)
- a statement that all of the radioactive material has been removed from the location
- a copy of the most recent leak test results for all of the gauges stored at that location

If you have never stored gauges at the location, please provide a statement attesting that radioactive material was never stored at the location.

Please give me a call if you have any questions.

Thanks so much,

Erin Kennedy

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

From: Parise, David <dparise@cecinc.com>
Sent: Wednesday, March 2, 2022 10:27 AM
To: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Subject: [External_Sender] RE: Security Envelope

Hi Ms. Kennedy – Hope you are doing well. Could you please call me when you get a chance? I'd like to discuss the next steps to take with another license amendment, cleaning up our locations listed under Condition 10.

Contact info below.

Thank you,

David J. Parise, ASP | Safety Manager
Civil & Environmental Consultants, Inc.
333 Baldwin Road, Pittsburgh, PA 15205
direct 412.249.1609 **office** 412.429.2324 **mobile** 412.400.1545
www.cecinc.com

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From: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Sent: Tuesday, February 22, 2022 9:41 AM
To: Parise, David <dparise@cecinc.com>
Subject: Security Envelope

Good Morning David,

Attached is a PDF secure envelope which contains Amendment Nos. 25 and 26 of your NRC Materials License. You should have already received an email which contains the password. If you cannot access the files, please let me know as soon as you can so that I can send the documents using a different method.

Erin Kennedy

U.S. Nuclear Regulatory Commission, Region III

Health Physicist- Materials Licensing

Email: erin.kennedy@nrc.gov

Office: 630-829-9876