

December 3, 2014

WEAVER
BOOS
CONSULTANTS

Material Licensing Branch
U.S. NRC
2443 Warrenville Road
Suite 210
Lisle, Illinois
60532-4352

Re: U.S. Nuclear Regulatory Commission Material License No. 21-32761-01 Amendment
Request

This letter is to request that the following changes be made to our Material license:

Condition 10

Weaver Boos requests to remove the following facility from our materials license:

- 1. Weaver Boos Consultants, 4085 Meghan Beeler Court, South Bend, Indiana, 46628**

Weaver Boos is no longer using this facility to store portable nuclear density gauges. A list of licensed materials (sealed sources) stored at the above referenced facility as well as well as the last leak test for those sealed sources are included with this request.

Please feel free to contact the undersigned for any questions or clarifications.

Very truly yours,
Weaver Boos Consultants, Inc.



Jeffrey A. Blum
Radiation Safety Officer

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4085 Meghan Beeler Court Inventory of Licensed Materials (sealed sources)

Device Manufacturer & Model No.	Device Serial No.	Cs-137 Source Serial No.	Am-241:Be Source Serial No.	Leak Test Date
Troxler 3440	15724	50-4622	47-11120	1/10/2014
Troxler 3440	15815	50-4839	47-11211	1/10/2014
Troxler 3430	28830	750-3099	47-25943	1/10/2014
Troxler 3430	29816	750-4072	47-26698	1/10/2014
Troxler 3440	31197	750-5863	47-8390	1/10/2014
Troxler 3440	31198	750-5864	47-22333	1/10/2014
Troxler 3440	39264	77-6741	78-4049	3/13/2014



Richard Aguinaga
Aguinaga Technical Services
1924-C Calumet Drive
Sheboygan, WI 53081
rich@atsnuc.com
Phone: (920) 803-8789
Fax: (920) 803-6707

Where Customer Service is a Priority!

LEAK TEST CERTIFICATE

Attn: Jeff Blum
Weaver Boos Consultants
400 Ann Street NW Ste 201A
Grand Rapids MI 49504

A leak test has been performed on the following gauge:

Manufacturer: Troxler
Model: 3440
Serial Number: 15724
Cs137 Serial Number: 50-4622
Am241/Be Serial Number: 47-11120

Date Sample Collected: 1/10/2014
Date Sample Analyzed: 1/20/2014
Collected by: Jeff Blum
Analyzed By: Richard Aguinaga
Sample Activity α : < .000004 μ Ci
Sample Activity β : < .00005 μ Ci

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01


Richard Aguinaga
Radiation Safety Officer

REVIEWED BY RADIATION SAFETY OFFICER
(if required by your license sign below)



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LEAK TEST CERTIFICATE

Attn: Jeff Blum
Weaver Boos Consultants
400 Ann Street NW Ste 201A
Grand Rapids MI 49504

A leak test has been performed on the following gauge:


Manufacturer: Troxler
Model: 3440
Serial Number: 15815
Cs137 Serial Number: 50-4839
Am241/Be Serial Number: 47-11211

Date Sample Collected: 1/10/2014
Date Sample Analyzed: 1/20/2014
Collected by: Jeff Blum
Analyzed By: Richard Aguinaga
Sample Activity α : < .000004 μ Ci
Sample Activity β : < .00005 μ Ci

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01


Richard Aguinaga
Radiation Safety Officer

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Attn: Jeff Blum
Weaver Boos Consultants
400 Ann Street NW Ste 201A
Grand Rapids MI 49504

A leak test has been performed on the following gauge:

Manufacturer: Troxler

Model: 3430

Serial Number: ~~29830~~ 28830 4th 1230

Cs137 Serial Number: 750-3099

Am241/Be Serial Number: 47-25943

Date Sample Collected: 1/10/2014

Date Sample Analyzed: 1/20/2014

Collected by: Jeff Blum

Analyzed By: Richard Aguinaga


Sample Activity α : < .000004 μ Ci

Sample Activity β : < .00005 μ Ci

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01


Richard Aguinaga
Radiation Safety Officer

REVIEWED BY RADIATION SAFETY OFFICER
(if required by your license sign below)

InstroTek, Inc.
5908 Triangle Drive
Raleigh, NC 27617
(919)875-8371 Fax (919)875-8328

RECEIVED
R 2/3/14

1/31/2014
Test Number: 2

JEFF BLUM
WEAVER BOOS CONSULTANTS
400 ANN STREET NW
SUITE 201A
GRAND RAPIDS, MI 40504

Phone: (616)304-1084

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: 29816

Test Date: 1/27/2014

Source (Model/Serial#)	Reading in microCuries
47-26698	0.00000
750-4072	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: 01/31/2014

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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Sheboygan, WI 53081
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LEAK TEST CERTIFICATE

Attn: Jeff Blum
Weaver Boos Consultants
400 Ann Street NW Ste 201A
Grand Rapids MI 49504

A leak test has been performed on the following gauge:

Manufacturer: Troxler
Model: 3440
Serial Number: 31197
Cs137 Serial Number: 750-5863
Am241/Be Serial Number: 47-8390

Date Sample Collected: 1/10/2014
Date Sample Analyzed: 1/20/2014
Collected by: Jeff Blum
Analyzed By: Richard Aguinaga
Sample Activity α : < .000004 μ Ci
Sample Activity β : < .00005 μ Ci

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01


Richard Aguinaga
Radiation Safety Officer

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(if required by your license sign below)



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Attn: Jeff Blum
Weaver Boos Consultants
400 Ann Street NW Ste 201A
Grand Rapids MI 49504

A leak test has been performed on the following gauge:

Manufacturer: Troxler
Model: 3440
Serial Number: 31198
Cs137 Serial Number: 750-5864
Am241/Be Serial Number: 47-22333

Date Sample Collected: 1/10/2014
Date Sample Analyzed: 1/20/2014
Collected by: Jeff Blum
Analyzed By: Richard Aguinaga
Sample Activity α : < .000004 μ Ci
Sample Activity β : < .00005 μ Ci

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01


Richard Aguinaga
Radiation Safety Officer

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(if required by your license sign below)

InstroTek, Inc.
5908 Triangle Drive
Raleigh, NC 27617
(919)875-8371 Fax (919)875-8328

3/21/2014
Test Number: 2

JEFF BLUM
WEAVER BOOS CONSULTANTS
400 ANN STREET NW
SUITE 201A
GRAND RAPIDS, MI 40504

Phone: (616)304-1084

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.

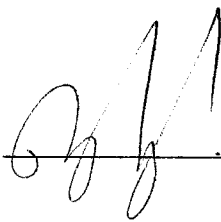
Gauge Model: 3440
Gauge S/N: 39264

Test Date: 3/13/2014

Source (Model/Serial#)	Reading in microCuries
78-4049	0.00000
77-6741	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: _____

03/21/2014

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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2443 WARRENVILLE ROAD
SUITE 210
LISLE, IL 60532-4352

