



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

41780 Six Mile Road
Northville, MI 48168
Phone: 248-553-6300
Fax: 734-524-0927

August 2, 2016

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

Re: License Amendment
Radioactive Materials License No. 21-14894-01

To Whom It May Concern:

With this letter we are requesting amendment to our Materials License as follows.

- 1) NTH Consultants would like to remove the following storage location from our license:

1430 Monroe Ave., Suite 180, Grand Rapids MI 49505

I have enclosed the current leak tests for our gages.

Thank you for your assistance. If you have any questions or require additional information, please contact me at (248) 662-2670.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeff Stamper', written in a cursive style.

Jeff Stamper
Radiation Safety Officer

Enclosures

RECEIVED AUG 02 2016

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

3/15/2016
Test Number: 7

Jeff Stamper
NTH Consultants, LTD. (LIVONIA)
11675 BELDEN COURT
LIVONIA, MI 48150

Phone: (248)324-5397
Fax: (734)524-0927

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: 3411
Gauge S/N: 12529

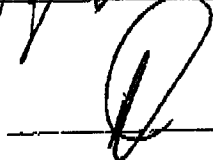
Test Date: 3/7/2016

Source (Model/Serial#)	Reading in microCuries
47-7829	0.00000
50-8093	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: 03/15/2016

Customer Signature: 

Date: 3/21/16

°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.

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

2/18/2016
Test Number: 6

Jeff Stamper
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11675 BELDEN COURT
LIVONIA, MI 48150

Phone: (248)324-5397
Fax: (734)524-0927

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

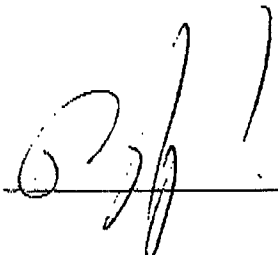
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3411
Gauge S/N: 12663

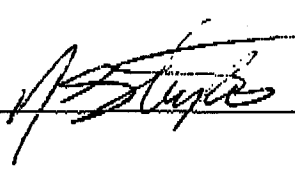
Test Date: 2/10/2016

Source (Model/Serial#)	Reading in microCuries
47-7970	0.00000
50-1023	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: 02/18/2016

Customer Signature: 

Date: 2/22/16

*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: 3401
Gauge S/N: 13350


Test Date: 3/7/2016

Source (Model/Serial#)	Reading in microCuries
47-8541	0.00000
50-1742	0.00026

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: 03/15/2016

Customer Signature: 

Date: 3/21/16

°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.

InstroTek, Inc.
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1/25/2016
Test Number: 6

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LIVONIA, MI 48150

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LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

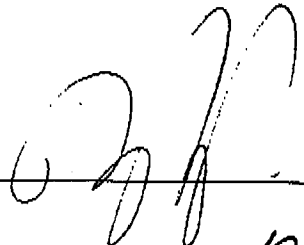
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3401
Gauge S/N: 13440

Test Date: 1/13/2016

Source (Model/Serial#)	Reading in microCuries
47-8661	0.00000
50-1763	0.00022

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: 01/25/2016

Customer Signature:  Date: 2/1/16

°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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3/15/2016
Test Number: 6

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LEAK TEST CERTIFICATE

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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: 3411
Gauge S/N: 14235


Test Date: 3/11/2016

Source (Model/Serial#)	Reading in microCuries
47-9396	0.00000
50-2847	0.00026

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: 03/15/2016

Customer Signature:  _____

Date: 3/21/16

°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 9 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

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1/25/2016
Test Number: 5

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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: 3411
Gauge S/N: 14237


Test Date: 1/13/2016

Source (Model/Serial#)	Reading in microCuries
47-9368	0.00000
50-2849	0.00026

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: 01/25/2016

Customer Signature: 

Date: 2/1/16

°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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2/18/2016
Test Number: 7

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LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

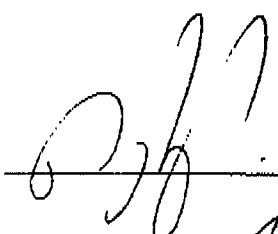
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

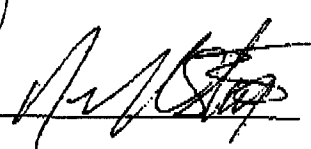
Gauge Model: 3401
Gauge S/N: 15921

Test Date: 2/10/2016

Source (Model/Serial#)	Reading in microCuries
47-11278	0.00000
50-4945	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: 02/18/2016

Customer Signature:  Date: 2/22/16

*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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1/25/2016
Test Number: 3

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LEAK TEST CERTIFICATE

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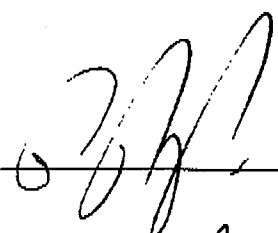
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3411
Gauge S/N: 27910

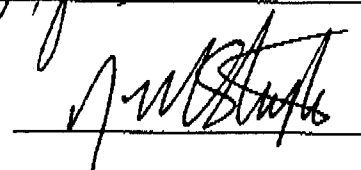
Test Date: 1/13/2016

Source (Model/Serial#)	Reading in microCuries
47-24511	0.00000
750-1800	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: 01/25/2016

Customer Signature: 

Date: 21.1.16

°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.

InstroTek, Inc.
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2/18/2016
Test Number: 8

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LIVONIA, MI 48150

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LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

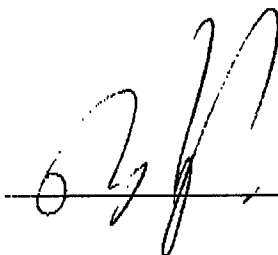
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3440
Gauge S/N: 27915

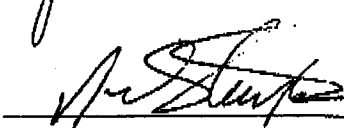
Test Date: 2/10/2016

Source (Model/Serial#)	Reading in microCuries
47-24516	0.00001
75-1805	0.00033

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: 02/18/2016

Customer Signature: 

Date: 2/22/16

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InstroTek, Inc.
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3/15/2016
Test Number: 9

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11675 BELDEN COURT
LIVONIA, MI 48150

Phone: (248)324-5397
Fax: (734)524-0927

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: 28445

Test Date: 3/7/2016

Source (Model/Serial#)	Reading in microCuries
47-25447	0.00000
750-2457	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: 03/15/2016

Customer Signature:  _____

Date: 3/21/16

°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.

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

4/26/2016
Test Number: 7

Jeff Stamper
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11675 BELDEN COURT
LIVONIA, MI 48150

Phone: (248)324-5397
Fax: (734)524-0927

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

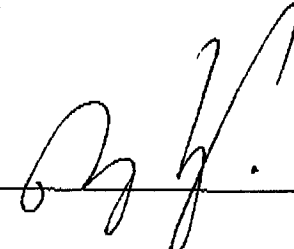
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3440
Gauge S/N: 29731

Test Date: 4/20/2016

Source (Model/Serial#)	Reading in microCuries
47-25374	0.00000
750-3921	0.00019

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: 04/26/2016

Customer Signature:  Date: 5/2/16

°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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1/25/2016
Test Number: 9

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11675 BELDEN COURT
LIVONIA, MI 48150

Phone: (248)324-5397
Fax: (734)524-0927

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

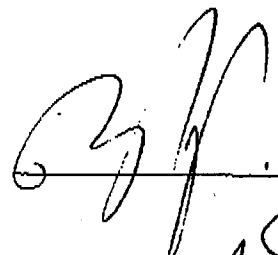
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3440
Gauge S/N: 29736


Test Date: 1/13/2016

Source (Model/Serial#)	Reading in microCuries
47-26658	0.00000
750-3939	0.00032

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: 01/25/2016

Customer Signature: 

Date: 2/1/16

*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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3/15/2016
Test Number: 9

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LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

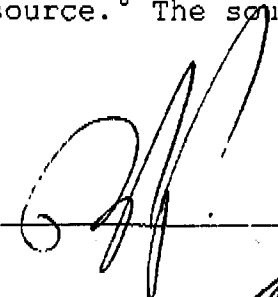
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3440
Gauge S/N: 30418


Test Date: 3/11/2016

Source (Model/Serial#)	Reading in microCuries
47-27473	0.00000
750-4886	0.00023

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: 03/15/2016

Customer Signature: 

Date: 3/21/16

°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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4/26/2016
Test Number: 7

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LEAK TEST CERTIFICATE

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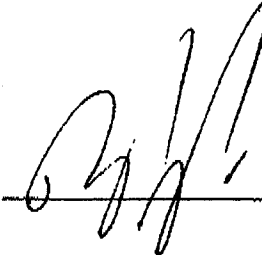
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 37745

Test Date: 4/20/2016

Source (Model/Serial#)	Reading in microCuries
78-2515	0.00000
774996	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: 04/26/2016

Customer Signature:  Date: 5/2/16

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Corporate Fax: 248.324.5178



NTH Consultants, Ltd.

Fax

To: Materials Licensing Branch From: Jeff Stump
 Fax: 630-515-1078 Pages: 15
 Company: NRC Date: 8-2-16
 Re: Amendment Proj. No:

Urgent For Review Please Respond Receiver's Original Original to follow

● **Comments:**

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is confidential or otherwise exempt from disclosure to others under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, please recognize that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone, and return the original message to us at the address given above via the United States Postal Service. Thank You.