

**NTH Consultants, Ltd.**Infrastructure Engineering
and Environmental Services41780 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 60532-4352Re: 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 over a horizontal line.

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

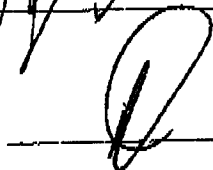
Test Date: 3/7/2016

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

2/18/2016
Test Number: 6

Jeff Stamper
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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

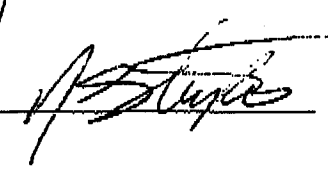
Test Date: 2/10/2016

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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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: 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

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

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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

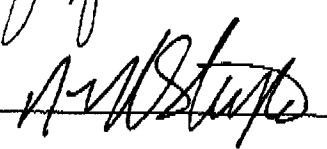
Test Date: 1/13/2016

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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Test Number: 6

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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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Gauge Model: 3401
Gauge S/N: 15921

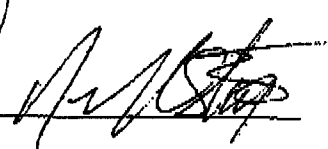
Test Date: 2/10/2016

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.

InstroTek, Inc.
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1/25/2016
Test Number: 3

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LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

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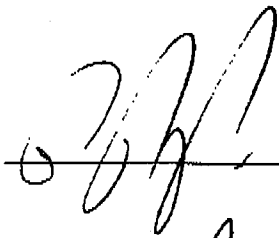
Gauge Model: 3411
Gauge S/N: 27910

Test Date: 1/13/2016

Source (Model/Serial#)	Reading in microCuries
47-24511	0.00000
750-1800	0.00024

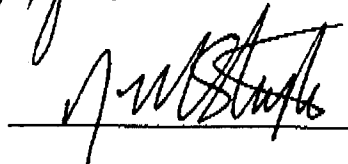
Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by:



Date: 01/25/2016

Customer Signature:



Date: 21.1.16

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

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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: 27915

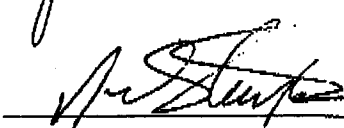
Test Date: 2/10/2016

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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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

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InstroTek, Inc.
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4/26/2016
Test Number: 7

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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.^o The source(s) tested above may remain in use.

Reviewed by: 

Date: 04/26/2016

Customer Signature: 

Date: 5/2/16

^oCPN 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

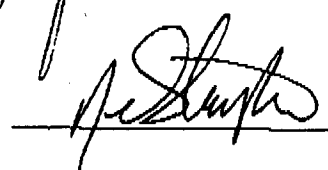
Test Date: 1/13/2016

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

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3/15/2016
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LEAK TEST CERTIFICATE

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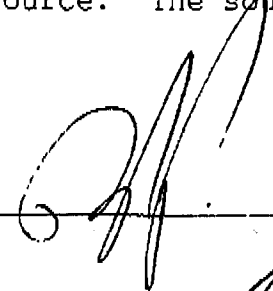
Gauge Model: 3440
Gauge S/N: 30418

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

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4/26/2016
Test Number: 7

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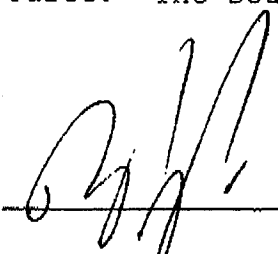
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

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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Livonia, MI 48150
Phone: 248.553.6300
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NTH Consultants, Ltd.

Fax

To: Materials Licensing Branch From: Jeff Stumpe
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:**

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