

# CROCKETT

GEOTECHNICAL - TESTING LAB

1000 W. Nifong Boulevard - Bldg 1  
Columbia, Missouri 65203  
(573) 447-0292

October 26, 2017

Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrensville Road, Suite 210  
Lisle, IL 60532-4352

Re: Change of Address  
Materials License No. 24-35065-01  
Response to Emailed Request of 10/12/17 (attached)

Materials Licensing Branch:

Attached to this letter are copies of our most recent leak tests for all of our nuclear density gauges. All licensed nuclear gauges have been moved to our new address at 1000 W Nifong Blvd. - Bldg 1, Columbia, MO 65203 and we no longer use our old facility located at 500 Big Bear Boulevard, Columbia, MO 65202.

I trust this letter and the attachments provides the requested information. Please contact us if we can be of further assistance.

Sincerely,  
Crockett GTL



Eric H. Lidholm, P.E.  
Principal, RSO

attachments

## Eric Lidholm

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**From:** Cender, Laura <Laura.Cender@nrc.gov>  
**Sent:** Thursday, October 12, 2017 9:47 AM  
**To:** Eric Lidholm  
**Subject:** NRC License No. 24-35056-01 Amendment Request - Additional Information Required

Hello Eric,

Thank you for taking time out of your morning to speak with me regarding your license amendment request.

To remove your old facility located at 500 Big Bear Boulevard, Columbia, MO 65202 from Condition 10 of your license please submit a copy of the most recent leak tests for any devices previously stored at that location as well as a statement (1-2 sentences is fine) confirming that all licensed material has been moved to your new location. I will also make sure that the mailing address is updated appropriately with this amendment as well.

Please ensure your response includes both a signature and date, and please feel free to send your response to me via email.

I can be reached at 630-829-9712 or via email if you have any questions.

Thank you,  
Laura

Laura Cender  
U.S. Nuclear Regulatory Commission  
Materials Licensing Branch  
E-mail: Laura.Cender@nrc.gov  
Phone: (630) 829-9712

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

8/8/2017  
Test Number: 7

JASON EWALT  
CROCKETT GEOTECHNICAL TESTING LAB(COLUMBIA)  
1000 W. NIFONG BLVD BLDG 1  
COLUMBIA, MO 65203  
Phone: (573)447-3981

**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: 14374

Test Date: 8/3/2017

Source (Model/Serial#)	Reading in microCuries
47-9726	0.00000
50-2997	0.00020

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: 8/8/2017

Customer Signature:

Date: 8/15/17

°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

8/8/2017  
Test Number: 10

JASON EWALT Phone: (573)447-3981  
CROCKETT GEOTECHNICAL TESTING LAB(COLUMBIA)  
1000 W. NIFONG BLVD BLDG 1  
COLUMBIA, MO 65203

## 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: 13842

Test Date: 8/3/2017

Source (Model/Serial#)	Reading in microCuries
47-9272	0.00000
50-2620	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: 8/8/2017

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

Date: 8/15/17

°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

8/10/2017  
Test Number: 7

JASON EWALT Phone: (573)447-3981  
CROCKETT GEOTECHNICAL TESTING LAB(COLUMBIA)  
1000 W. NIFONG BLVD BLDG 1  
COLUMBIA, MO 65203

## 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.

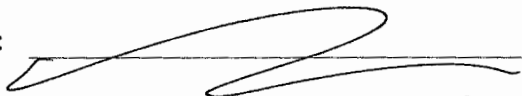
Gauge Model: 3411  
Gauge S/N: 11844

Test Date: 8/3/2017

Source (Model/Serial#)	Reading in microCuries
47-7086	0.00001
40-9291	0.00023

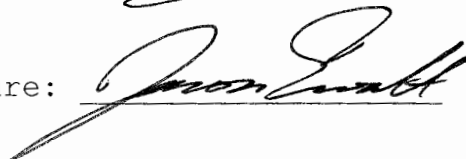
Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.° The source(s) tested above may remain in use.

Reviewed by:



Date: 8/10/2017

Customer Signature:



Date: 8/15/17

°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

9/18/2017  
Test Number: 7

JASON EWALT Phone: (573)447-3981  
CROCKETT GEOTECHNICAL TESTING LAB(COLUMBIA)  
1000 W. NIFONG BLVD BLDG 1  
COLUMBIA, MO 65203

## 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: 22671

Test Date: 9/11/2017

Source (Model/Serial#)	Reading in microCuries
47-18513	0.00001
75-4435	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:

9/18/2017

Customer Signature:

Date:

9/28/17

°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.

**CROCKETT**  
ENGINEERING CONSULTANTS  
1000 W Nifong Blvd., Bldg. 1, Columbia, MO 65203

RECEIVED OCT 31 2017



Materials Licensing Branch  
2443 Warrensville Rd Ste 210  
Lisle IL 60532-4352

605324352 0021

