Hill, Carol

From: Steven Asato <steven_a@geolabs.net>
Sent: Thursday, May 10, 2018 2:08 PM
To: Hill, Carol
Subject: [External_Sender] RE: Mail Control 608668
Attachments: Leak Tests Master.pdf

PUBLIC
☐ Immediate Release
☑ Normal Release

NON-PUBLIC
☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other:

Reviewer: MS Date: 5/11/18

Aloha Carol,

Here is the information you requested.

Thank you
Steven Asato

From: Hill, Carol <Carol.Hill@nrc.gov>
Sent: Wednesday, May 9, 2018 11:17 AM
To: Steven Asato <steven_a@geolabs.net>
Subject: Mail Control 608668

Hi Mr. Asato,

In order to remove a location on your license, we will need a copy of the latest leak test results. Please provide the leak test results for the location you intend to release so that we may continue with processing your amendment request.

Thank you

Carol L. Hill, Licensing Assistant

Direct: 817-200-1140
Toll Free: **1-800-952-9677**
Fax: 817-200-1083
E-mail: Carol.Hill@nrc.gov

US Nuclear Regulatory Commission
1600 E. Lamar Blvd.
Arlington, TX 76011-4511

From: Hill, Carol
Sent: Tuesday, May 08, 2018 5:05 PM
To: 'steven_a@geolabs.net' <steven_a@geolabs.net>
Subject: Acknowledgement of Receipt of Amendment Request is attached.pdf

Carol L. Hill, Licensing Assistant

Direct: 817-200-1140
Toll Free: **1-800-952-9677**
Fax: 817-200-1083
E-mail: Carol.Hill@nrc.gov

4B

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

2/19/2018
Test Number: 3

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
HONOLULU, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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 PLUS
Gauge S/N: 71076

Test Date: 2/12/2018

Source (Model/Serial#)	Reading in microCuries
78-10399	0.00000
77-14807	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: 02/19/2018

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.

6A

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

2/7/2018
Test Number: 7

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
ITAN, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 60850

Test Date: 2/7/2018

Source (Model/Serial#)	Reading in microCuries
78-4821	0.00000
77-7805	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: 02/07/2018

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.

8A

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

12/13/2017
Test Number: 4

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
HONOLULU, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 39544

Test Date: 11/17/2017

Source (Model/Serial#)	Reading in microCuries
78-4266	0.00000
77-7083	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: 12/13/2017

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.

#10A

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

4/25/2018
Test Number: 8

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
HONOLULU, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 3500XPLORER
Gauge S/N: 1465

Test Date: 4/6/2018

Source (Model/Serial#)	Reading in microCuries
CZ3360	0.00000
258/11	0.00029

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: 04/25/2018

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.

13A

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

2/26/2018
Test Number: 1

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
HONOLULU, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 72335

Test Date: 2/14/2018

Source (Model/Serial#)	Reading in microCuries
78-11002	0.00000
77-15558	0.00034

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: 02/26/2018

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.

#1-A

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

3/7/2018
Test Number: 3

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
HONOLULU, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 3440PLUS
Gauge S/N: 70380

Test Date: 3/1/2018

Source (Model/Serial#)	Reading in microCuries
78-9959	0.00028
77-14348	0.00000

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: 03/07/2018

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.

#19

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

4/26/2018
Test Number: 6

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
HONOLULU, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 3500
Gauge S/N: 1736

Test Date: 4/19/2018

Source (Model/Serial#)	Reading in microCuries
CZ4424	0.00000
173/13	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: 04/26/2018

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.

#20

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

2/5/2018
Test Number: 7

STEVEN ASATO
GEOLABS, INC.
2006 KALIHI ST.
ITAN, HI 96819

Phone: (808)841-5064
Fax: (808)847-1749

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: 3500
Gauge S/N: 1737

Test Date: 1/22/2018

Source (Model/Serial#)	Reading in microCuries
CZ4425	0.00000
174/13	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: 02/05/2018

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.