

From: [Stewart Engineering, Inc.](#)
To: [Simmons, Michelle](#)
Subject: [External_Sender] Re: Amendment Request: Additional Information Needed
Date: Tuesday, August 23, 2022 3:15:48 PM
Attachments: [Leak Tests 2022-StewartEngineering.pdf](#)

Aloha Michelle,

Please see the attached file, which is a PDF of all five leak tests for all of our Troxler gauges.

The first page of the PDF is for gauge SN 63819, which is the gauge that is stored in Kamuela where the location is being changed per the license amendment request.

Thank you,

Please call or email me if you have any questions, or if you need additional information.

Matt Lamon, P.E., LEED A.P.
Vice President
Stewart Engineering, Inc.
www.stewartengr.com
Office: 808-262-3396
Fax: 866-611-7756
Cell: 808-228-2219

On Fri, Aug 19, 2022 at 5:10 AM Simmons, Michelle <Michelle.Simmons@nrc.gov> wrote:

Aloha,

You requested to change your storage location from 59-710 Ka'ala Road, Kamuela, HI, 96743 to 59-513 Ala Kahua Drive, Kamuela, HI, 96743. In order to continue our review of your request, we need a copy of the most recent leak test results for all the gauges stored at the old storage location. Please submit the requested information by Sept 1, 2022. You submit the leak test results by email as an attachment. The attachment must be in the pdf format. If you have any questions, you can contact me.

Thanks

Michelle R. Simmons

(Pronouns: she, her, hers)

Senior Health Physicist

Nuclear Regulatory Commission

Materials Licensing Branch

Division of Radiological Safety and Security

Region IV

1600 East Lamar Blvd.

Arlington, Texas 76011

817-200-1590



3315 Maggie Blvd, Suite 1000
Orlando, FL 32811
Phone: 800-569-8950
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www.AtlanticSupply.com

CERTIFICATE OF LEAK TEST

Stewart Engineering, Inc.
Attn: Matthew Lamon
131 Heliki St. Suite 207
Kailua, HI 96734

Date Sample Taken: 6/29/22
Date Test Performed: 7/22/22
Licensed Test Interval: 12 Months
Next Test Due Date: 6/29/23
ADS License Number: 2830-1

This certificate certifies that the leak test on the indicated source(s) was conducted on 7/22/22 and that the results shown below represent the level of removable contamination.

Gauge Manufacturer/Model Number: Troxler 3430
Gauge Serial Number: 63819

<u>Isotope</u>	<u>Activity</u>	<u>Source S/N or Date</u>	<u>Removable Contamination** (in Microcuries)</u>
Am-241/Be	40 mCi	78-6388	<0.005
Cs-137	8 mCi	77-9974	<0.005

**0.005 Microcuries (185Bq) or greater is indicative of a leaking source.

Test Device: Ludlum Model 2200 Scaler Ratemeter monitoring signals from a Model 243
Shielded Well Scintillator.

Sample has been evaluated for leakage.

This source: May remain in use.

Performed by: Goran Baltic
ADS Nuclear Technician

Reviewed by: Sam Suckan
ADS Radiation Safety Officer

Customer RSO Review: _____

* N/S = Information not supplied on form by customer.



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Attn: Matthew Lamon
131 Heliki St. Suite 207
Kailua, HI 96734

Date Sample Taken: 6/23/22
Date Test Performed: 7/8/22
Licensed Test Interval: 6 Months
Next Test Due Date: 12/23/22
ADS License Number: 2830-1

This certificate certifies that the leak test on the indicated source(s) was conducted on 7/8/22 and that the results shown below represent the level of removable contamination.

Gauge Manufacturer/Model Number: Troxler 3450
Gauge Serial Number: 1047

<u>Isotope</u>	<u>Activity</u>	<u>Source S/N or Date</u>	<u>Removable Contamination** (in Microcuries)</u>
Am-241/Be	40 mCi	78-2248	<0.005
Cs-137	8 mCi	77-4599	<0.005

**0.005 Microcuries (185Bq) or greater is indicative of a leaking source.

Test Device: Ludlum Model 2200 Scaler Ratemeter monitoring signals from a Model 243
Shielded Well Scintillator.

Sample has been evaluated for leakage.

This source: May remain in use.

Performed by: Goran Baltic
ADS Nuclear Technician

Reviewed by: Sam Suckan
ADS Radiation Safety Officer

Customer RSO Review: _____

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Attn: Matthew Lamon
131 Heliki St. Suite 207
Kailua, HI 96734

Date Sample Taken: 6/23/22
Date Test Performed: 7/1/22
Licensed Test Interval: 12 Months
Next Test Due Date: 6/23/23
ADS License Number: 2830-1

This certificate certifies that the leak test on the indicated source(s) was conducted on 7/1/22 and that the results shown below represent the level of removable contamination.

Gauge Manufacturer/Model Number: Troxler 3430
Gauge Serial Number: 66385

<u>Isotope</u>	<u>Activity</u>	<u>Source S/N or Date</u>	<u>Removable Contamination** (in Microcuries)</u>
Am-241/Be	40 mCi	78-7790	<0.005
Cs-137	8 mCi	77-11693	<0.005

**0.005 Microcuries (185Bq) or greater is indicative of a leaking source.

Test Device: Ludlum Model 2200 Scaler Ratemeter monitoring signals from a Model 243
Shielded Well Scintillator.

Sample has been evaluated for leakage.

This source: May remain in use.

Performed by: Goran Baltic
ADS Nuclear Technician

Reviewed by: Sam Suckan
ADS Radiation Safety Officer

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Next Test Due Date: 6/23/23
ADS License Number: 2830-1

This certificate certifies that the leak test on the indicated source(s) was conducted on 7/1/22 and that the results shown below represent the level of removable contamination.

Gauge Manufacturer/Model Number: Troxler 3430
Gauge Serial Number: 39677

<u>Isotope</u>	<u>Activity</u>	<u>Source S/N or Date</u>	<u>Removable Contamination** (in Microcuries)</u>
Am-241/Be	40 mCi	77-4410	<0.005
Cs-137	8 mCi	77-7234	<0.005

**0.005 Microcuries (185Bq) or greater is indicative of a leaking source.

Test Device: Ludlum Model 2200 Scaler Ratemeter monitoring signals from a Model 243
Shielded Well Scintillator.

Sample has been evaluated for leakage.

This source: May remain in use.

Performed by: Goran Baltic
ADS Nuclear Technician

Reviewed by: Sam Suckan
ADS Radiation Safety Officer

Customer RSO Review: _____

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Date Test Performed: 7/1/22
Licensed Test Interval: 12 Months
Next Test Due Date: 6/23/23
ADS License Number: 2830-1

This certificate certifies that the leak test on the indicated source(s) was conducted on 7/1/22 and that the results shown below represent the level of removable contamination.

Gauge Manufacturer/Model Number: Troxler 3430 Plus
Gauge Serial Number: 72095

<u>Isotope</u>	<u>Activity</u>	<u>Source S/N or Date</u>	<u>Removable Contamination** (in Microcuries)</u>
Am-241/Be	40 mCi	78-10883	<0.005
Cs-137	8 mCi	77-15433	<0.005

**0.005 Microcuries (185Bq) or greater is indicative of a leaking source.

Test Device: Ludlum Model 2200 Scaler Ratemeter monitoring signals from a Model 243
Shielded Well Scintillator.

Sample has been evaluated for leakage.

This source: May remain in use.

Performed by: Goran Baltic
ADS Nuclear Technician

Reviewed by: Sam Suckan
ADS Radiation Safety Officer

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