



An Equal Opportunity Employer

Bacco Construction Company

N3676 North US-2

PO Box 458

Iron Mountain, MI 49801-0458

Phone (906) 774-2616

Fax (906) 774-0510

Email Bacco@baccocc.com



www.baccocc.com

May 23, 2019

Laura Cender
U.S. Nuclear Regulatory Commission
Materials Licensing Branch

Dear Ms. Cender,

This letter is to confirm that the Troxler 3241C gauge, Serial No. 1555, that was disposed of on February 28, 2007 was the only 3241 series gauge possessed by Bacco Construction Company.

Please contact me if you have any other questions.

Thank you,

Graham L. Donahue
Quality Control Manager



NUCLEAR GAUGE
TRANSFER/DISPOSAL DOCUMENT

Transfer of Ownership

Rental Transfer

X Disposal

Transferee BACCO Construction Company
N3660 North US-2 Iron Mountain, MI 49801

Contact Brian Vuorinen

Telephone 906-774-4064

Device Type

- Moisture Gauge
- Density Gauge
- Density/Moisture Gauge
- Other (Describe)

Manufacturer

- Troxler
- Humboldt
- CPN
- Other

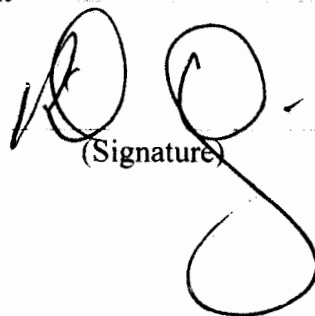
Model No.	3241C	Device Serial No	1555
	Cs-137	Radionuclide	Am-241:Be
	N/A mCi	Activity	100 mCi
	N/A	Source S/N	55-8813
		Date Activity Measured	3/22/1990
		Leak Test Date	2/22/2007
		(Attach Copy)	

To: Company Aguinaga Technical Services
License No. WI # 117-1005-01
Street Address 1924-C Calumet Drive
City, State Sheboygan, WI
Zip Code 53081 Telephone (920) 803-8789

Recipient

Richard Aguinaga - RSO
(Printed Name)

Sign Upon Receipt


(Signature)

2-28-07
Date



Where Customer Service is a Priority!

Richard Aguinaga
Aguinaga Technical Services
1924-C Calumet Drive
Sheboygan, WI 53081
Phone: (920) 803-8789
Fax: (920) 803-8707

LEAK TEST CERTIFICATE

Attn: Brian Vuorinen
BACCO Construction Company
N3660 North US-2
Iron Mountain MI 49801

A leak test has been performed on the following gauge:

Manufacturer: **Troxler**

Model: **3241C**

Serial Number: **1555**

Cs137 Serial Number: **N/A**

Am241/Be Serial Number: **55-8813**

Date Sample Collected: **2/22/2007**

Date Sample Analyzed: **2/26/2007**

Analyzed By: **Richard Aguinaga**

Sample Activity α : **< .000004 μ Ci**

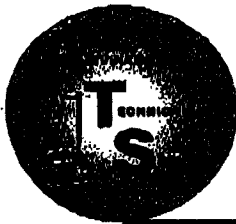
Sample Activity β : **< .00005 μ Ci**

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01

Richard Aguinaga
Radiation Safety Officer



ATS, 1924-C Calumet Drive, Sheboygan, WI 53081
PHONE: (920) 803-8789 FAX: (920) 803-6707

Fax

2-2107 shipped Gauges (all 3)
to ATS Rich will
take care of the AL
Gauge disposal and los
Alamos / CPN

To: Brian Vuorinen

From: Rich Aguinaga

Fax: 906-774-2616

Pages: 2

Phone:

Date:

Re: Shipping Paperwork

CC:

Message:

Prepare carrying case for shipping:

- Remove scraper plate, drill rod, and extractor from carrying case. This reduces the weight per gauge and shipping cost. **DO NOT REMOVE THE STANDARD BLOCK!!!**
- Place a mailing label (To & From) on each on each case. Include Co. Name, Mailing Address, and Phone No.
- Place a security seal on each carrying case.

Attached is a CCX Freight Bill of Lading. Insure the you complete the following:

- Enter the date of shipment on "B/L DATE" in upper right corner of the form.
- Enter your name "SHIPPER" & "SIGNATURE" in lower left corner of the form.

On the day you are available call (906) 779-9700 (tell them its radioactive yellow II) for a pick-up and use the completed form as your Shipping form. After the driver puts a PRO # on the form, make a copy for yourself.

Don't hesitate to call with any questions. -Rich

Donna

SHIPPER PLEASE NOTE: FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT

CX Con-Way Central Express

PLACE PRO LABEL HERE
SHIPPER RETAINS THIS COPY

Shipper's Bill of Lading No.

Consignee's Reference/PO No.

On Collect On Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Lic. 1.

TO: Richard Aguinaga
CONSIGNEE Aguinaga Technical Services
STREET 1924-C Calumet Drive
Sheboygan, WI 53081
DESTINATION (920) 803-8789
CITY/ST/ZIP

TRAILER NUMBER

BL DATE _____

ROUTE

SPECIAL INSTRUCTIONS

FROM BACCO Construction Company **Brian Vuorinen**
SHIPPER N3660 North US-2
STREET Iron Mountain **MI** 49801
ORIGIN 906-774-4064
CITY/ST/ZIP

FOR PAYMENT, SEND BILL TO:

NAME Aguinaga Technical Services
STREET 4235 E. Parke Ridge Lane
Sheboygan, WI 53083

CITY/ST/ZIP

Collect on Delivery \$ _____ and remit to: _____

Street _____ City _____ State _____
Carrier must collect cash or certified check unless shipper signs here to accept company check.

Signed:

**C.O.D. charge
to be paid by**

Shipper ☐
 Consignee ☐

Hdg. Unit No. Type	Packages No. Type	HM	Kind of Package, Description of Articles, Special Marks and Exceptions (Subject to correction)	Weight (Subj to Correction) (LBS)	Class or Rate Ref. (For Info. Only)	Cube (Optional) (CuFt)
1	CTN	X	RQ, Radioactive Material, Type A Package. Special Form. 7. UN3332. RQ Am-241:Be = 3.7 GBq (100mCi). Yellow II Emergency Contact Phone - (919) 549-9539. TI = 0.1	70	100	
2	CTN	X	RQ, Radioactive Material, Type A Package. Special Form. 7. UN3332. RQ Cs-137 = .3 GBq (8 mCi) & Am-241:Be = 1.48 GBq (40mCi). Yellow II Emergency Contact Phone - (919) 549-9539. TI = 0.9 Total TI = 1.0 NMFC #164900. Sub 1 ELECTRONIC TESTING DEVICE	140	100	
				TOTAL	210	

☐ Mark "X" to designate Hazardous Materials as defined in DOT Regulations.

NOTE (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows:

***The agreed or declared value of the property is specifically stated by the shipper to be**

not exceeding **99** per **LB**

NOTE (2) Liability Limitation for loss or damage on this shipment may be applicable. See 49 U.S.C. §14706(c)(1)(A) and (B).

NOTE (5) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Sec. 2(e) of NMFC item 380.

Notify if problem enroute or at delivery

NOTES

1000

Tel No.

____ (for informational purposes only)

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, stipulations and rules that have been established by the carrier and are available to the shipper on request, the property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as shown above, which said carrier agrees to carry to destination, if on its route, or otherwise to deliver to another carrier on the route to destination. Every service to be performed hereunder shall be subject to all conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

SHIPPER

PER (SIGNATURE REQUIRED)

CARRIER Con-Way Transportation Services Inc.

PER

DATE _____

Driver operates only supervised motorist of vehicle

1575

SUPPORT CONSULTANTS

June 21, 2004

8259 Highway 16, PR 8251
DeLeon, Texas 76444-6727
Phone/Fax (254) 893-2088

Letter to: NRC Licensees for Am-241 and Pu-238

Re: Los Alamos National Laboratory's Off-Site Source Recovery (OSR) Project

Gentlemen:

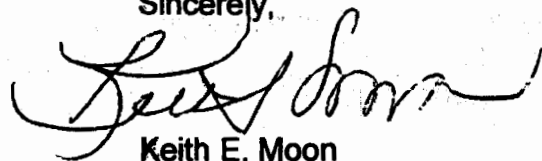
Support Consultants has a contract with Los Alamos National Laboratory's Off-Site Source Recovery (OSR) Project for recovery of unwanted and/or obsolete radiation sources. At the present time, the OSR Project is recovering primarily Am-241 and Pu-238 sources, however, they are also gathering information on other unwanted radiation sources for their database and working with the Department of Energy to resolve disposition issues associated with Cs-137, Co-60, Sr-90 and other source types in the not too distant future.

I have been a radiation safety consultant, primarily for companies in the oil and gas industry, for over 25 years. Several years ago as Chairman of the Independent Wireline Well Loggers Association, I assisted Los Alamos National Laboratory in enrolling unwanted radiation sources in order to get this project started. Through our contacts many well logging companies have disposed of their unwanted AmBe-241 sources at no cost to them.

If you have tried to dispose of unwanted radiation sources, you are well aware of the cost associated with disposal. Because of this cost, many sources remain in storage, sometimes under conditions that do not provide adequate security. Due to the events of 9/11/01, the OSR Project has stepped up its pace in trying to locate and schedule sources for pickup. Although still operating from Los Alamos National Laboratory, the OSR Project has recently come under the authority of the National Security Administration because of the threat of radiation incidents, particularly "dirty bombs". Recently, the scope of the OSR Project was expanded to recover other isotopes as well.

Our contract is not only for locating sources, but Support Consultants also picks up sources for the OSR Project. If you have unwanted sources, do not procrastinate, get them enrolled ASAP. Do not miss the chance to take advantage of this opportunity while there is no charge to you. Please complete the enclosed questionnaire and FAX it to me, or you can go to the OSR Project web site at <http://osrp.lanl.gov>, whichever is more convenient for you. If you would like to contact the OSR Project directly, please call Shelby Leonard at (505) 667-6701.

Sincerely,



Keith E. Moon



LANL OFF-SITE SOURCE RECOVERY PROJECT QUESTIONNAIRE

(Please type or print clearly)

1. Company Name: Bacco Const. Co.
2. Address: (Mailing) P.O. Box 458 Iron Mt. Mi 49801
(Street) N3660 N. US-2 Iron Mt Mi 49801
3. Office Phone: 906 774 4064 Fax: 906 774-4858 Other: 906 774 2616
4. Contact Name & Title: Brian Vuorinen
E-mail address: brian.v@baccoconstruction.com
5. Radiation License Info: NRC License No. 21-26308-01 or
Agreement State License No. _____
Type of License: Use X Storage Only _____
6. Facility Status: Ongoing Business X License Termination Ongoing _____
7. List information for your obsolete or unwanted radioactive sources:

<u>Isotope</u>	<u>Curies</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Serial No.</u>	<u>Leak Test Date</u>
<u>Am 241</u>	<u>100 mCi</u>	<u>Troxler</u>	<u>3241-C</u>	<u>1555</u>	<u>11-30-04</u>

843
254 6739

Return to: Keith Moon Phone & Fax: 254/893-2088
Support Consultants
8259 Hwy 16
DeLeon, TX 76444-6727

Cender, Laura

To: Graham Donahue
Subject: RE: RE: RE: NRC Proposed License Amendment to License No. 21-26308-01; RSO Change

From: Graham Donahue [mailto:gdonahue@baccocc.com]
Sent: Thursday, May 23, 2019 9:51 AM
To: Cender, Laura <Laura.Cender@nrc.gov>
Cc: John Fortier <jfortier@baccocc.com>
Subject: [External_Sender] RE: RE: RE: NRC Proposed License Amendment to License No. 21-26308-01; RSO Change

Laura,

Let me know if this will suffice.

Thank you,

Graham D.



Graham Donahue Quality Control Manager
Bacco Construction Co.
p: 906.774.2616 c: 906.221.6287
f: 906.774.4858 e: gdonahue@baccocc.com

From: Cender, Laura <Laura.Cender@nrc.gov>
Sent: Tuesday, May 21, 2019 10:02 AM
To: Graham Donahue <gdonahue@baccocc.com>
Subject: RE: RE: NRC Proposed License Amendment to License No. 21-26308-01; RSO Change

Hello Graham,

Do you have a copy of the last leak test for the gauge? Aguinaga Technical Services should have sent you a copy when they sent you the receipt confirmation dated 2/28/2007. Please also provide a signed and dated letter confirming that this was the only Troxler 3241 Series device possessed under the license.

Please let me know 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

From: Graham Donahue [<mailto:gdonahue@baccocc.com>]

Sent: Tuesday, May 21, 2019 8:26 AM

To: Cender, Laura <Laura.Cender@nrc.gov>

Subject: [External_Sender] RE: NRC Proposed License Amendment to License No. 21-26308-01; RSO Change

Laura,

Here is what I could find for the disposal of that 3241C gauge from back in 2004. Let me know if there is anything else you need.

Thank you,

Graham D.



Graham Donahue Quality Control Manager
Bacco Construction Co.
p: 906.774.2616 c: 906.221.6287
f: 906.774.4858 e: gdonahue@baccocc.com

From: Cender, Laura <Laura.Cender@nrc.gov>

Sent: Monday, May 20, 2019 2:24 PM

To: Graham Donahue <gdonahue@baccocc.com>

Subject: RE: NRC Proposed License Amendment to License No. 21-26308-01; RSO Change

Hello Graham,

Thank you for taking time out of your afternoon discuss your pending NRC license amendment request. As discussed, a record of our conversation is attached.

Please feel free to give me a call 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

From: Cender, Laura

Sent: Monday, May 20, 2019 1:41 PM

To: Graham Donahue <gdonahue@baccocc.com>

Subject: RE: RE: RE: RE: NRC Proposed License Amendment to License No. 21-26308-01; RSO Change

Hello Graham,

I was working on completing the paperwork for your amendment today and I have a quick question regarding some information that I will need to update on the license. Can you please give me a call at 630-829-9712 when you are available?

Thank you,
Laura

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