

me

Hill, Carol

From: FSouza@gracepacificcorp.com
Sent: Tuesday, August 09, 2011 5:28 AM
To: Cook, Jackie
Cc: Hill, Carol; Murnahan, Colleen; jcastro@gracepacificcorp.com
Subject: NRC License number 53-21273-01 amendment #14
Attachments: NRC Amendment 14 pg 1.pdf; GP Gauges UPDATED.pdf

RECEIVED

AUG 09 2011

DNMS

Mrs. Cook,

I have just received the amendment for our license. While reviewing it, I noticed that pg 1, #6a under "Maximum Amount" I am only allowed up to 64 millicuries total of Cesium -137. I assume that is for our 4640-B portable gauges, but we posses nine (9) gauges of that type, plus one (1) 3400 series portable gauges. Please increase total allowable.

(See attached file: NRC Amendment 14 pg 1.pdf)(See attached file: GP Gauges UPDATED.pdf)

Thank you,

Felicia M. Souza
 Grace Pacific Corporation
 Quality Control Supervisor
 Email: fsouza@gracepacificcorp.com
 Cell#: 808.479.5669
 Fax#: 808.848.0440

575764

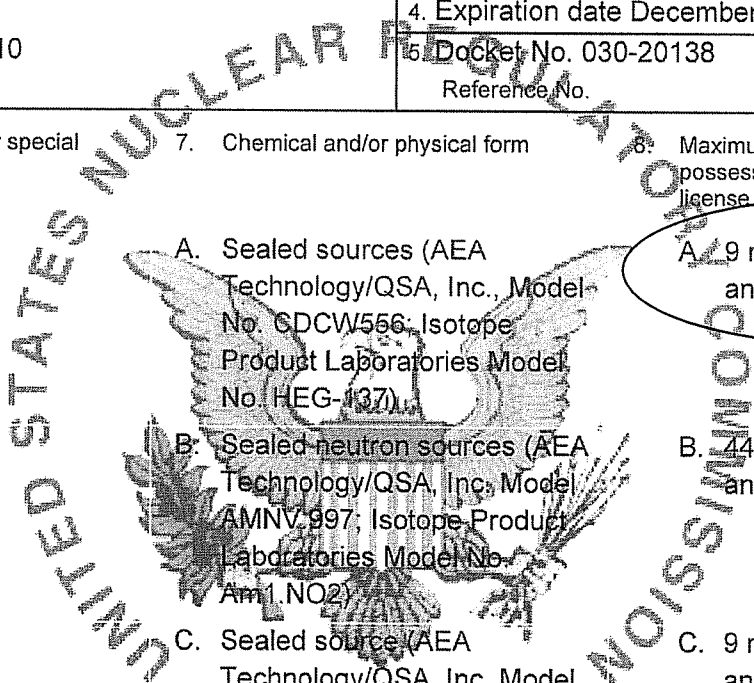
MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee 1. Grace Pacific Corporation 2. P.O. Box 78 Honolulu, Hawaii 96810	In accordance with letter dated May 9, 2011 3. License number 53-21273-01 is amended in its entirety to read as follows: 4. Expiration date December 31, 2013 5. Docket No. 030-20138 Reference No.
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6. Byproduct, source, and/or special nuclear material A. Cesium-137 B. Americium-241 C. Cesium-137	7. Chemical and/or physical form A. Sealed sources (AEA Technology/QSA, Inc., Model No. GDCW556; Isotope Product Laboratories Model No. HEG-137) B. Sealed neutron sources (AEA Technology/QSA, Inc. Model AMNV-997; Isotope Product Laboratories Model No. Am-1 NO2) C. Sealed source (AEA Technology/QSA, Inc. Model No. CDCW556; Isotope Product Laboratories Model No. HEG-137)	8. Maximum amount that licensee may possess at any one time under this license A. 9 millicuries per source and 64 millicuries total. B. 44 millicuries per source and 50 millicuries total. C. 9 millicuries per source and 10 millicuries total.
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9. Authorized use:	A. In Troxler Electronics Laboratories, Inc. Model No. 4640-B portable gauging devices for measuring physical properties of materials. B. and C. In Troxler Electronics Laboratories, Inc. Model 3400 Series portable gauging devices for measuring physical properties of materials.
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 * TROXLER ELECTRONIC LABORATORIES, INC. *
 * GAUGE CERTIFICATE *
 * DUPLICATE - PRINTED 07 JUN 2004 *

TROXLER GAUGE MODEL: 4640 B TRANSFERRED ON: 16 APR 1998
 GAUGE SERIAL NUMBER: 818 SALES ORDER NUMBER: 18449
 GAUGE REGISTRY NO: NC-646-D-131-S

TO #FROM*
 CODE : 1290000
 LICENSE: 53-2112-01 032-0182-1
 NAME : HAWAIIAN BIOMOLS & PAVIN TROXLER ELECT. LABORATORIES, INC.
 248 SAND ISLAND ACCESS RD P O BOX 12057
 HONOLULU, HI 96819 RESEARCH TRIANGLE PARK, NC 27709

SEALED SOURCE

SEALED SOURCE

CS-137	RADIOACTIVE MATERIAL
50-7795	SOURCE SERIAL NUMBER
.30 GBq (8.000 mCi)	ACTIVITY
19 DEC 1989	CERTIFICATION DATE
102112	TROXLER DRAWING NUMBER
BB/140/S	SPECIAL FORM CERTIFICATE
C64444	ANSI CLASSIFICATION
16 APR 1990	LEAK TEST DATE
19 DEC 1989	MEASUREMENT DATE

YOU SHOULD RETAIN THIS DOCUMENT AS A RECORD OF GAUGE RECEIPT.

CERTIFICATION DATE - THE MOST RECENT DATE THE SOURCE WAS INSPECTED AND TESTED AS MEETING STRINGENT QUALITY CONTROL STANDARDS FOR SOURCE INTEGRITY.

SPECIAL FORM CERTIFICATE - THE SEALED SOURCES MEET US DOT AND IAEA "SPECIAL FORM" CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE SPECIAL FORM CERTIFICATE LISTED ABOVE FOR EACH SOURCE BEFORE TRANSPORTING OR SHIPPING THE GAUGE. PLEASE NOTE EACH CERTIFICATE HAS AN EXPIRATION DATE. CURRENT COPIES MAY BE OBTAINED FROM TROXLER.

LEAK TEST DATE - THE DATE THE SOURCE WAS LEAK TESTED AND FOUND TO HAVE REMOVABLE ACTIVITY OF LESS THAN 0.005 MICROCURIES.

MEASUREMENT DATE - THE DATE THE SOURCE ACTIVITY WAS DETERMINED AND THE REFERENCE DATE FOR CALCULATION OF THE CURRENT SOURCE ACTIVITY.

TYPE A PACKAGE TESTING - THE SHIPPING CASE MEETS US DOT 7A TYPE A PACKAGE CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE TYPE A PACKAGE TEST RESULTS BEFORE SHIPPING OR TRANSPORTING THE GAUGE.

 * TROXLER ELECTRONIC LABORATORIES, INC. *
 * GAUGE CERTIFICATE *
 * DUPLICATE - PRINTED 07 JUN 2024 *

TROXLER GAUGE MODEL: 4640 B TRANSFERRED ON: 24 JUN 1997
 GAUGE SERIAL NUMBER: 1796 SALES ORDER NUMBER: 7105974
 GAUGE REGISTRY NO: NC-646-D-131-S

TO *FROM*
 CODE : 1290001
 LICENSE: 53-81122-01
 NAME : HAWAIIAN BIUMULS & PAVIN TROXLER ELECT, LABORATORIES, INC.
 110 PULHALE ROAD P O BOX 12057
 P.O. BOX 2240 RESEARCH TRIANGLE PARK, NC 27709
 HONOLULU, HI 96819

SEALED SOURCE

SEALED SOURCE

CS-137	RADIOACTIVE MATERIAL
75- 9610	SOURCE SERIAL NUMBER
.30 GBq (8.000 uCi)	ACTIVITY
16 MAY 1996	CERTIFICATION DATE
102112	TROXLER DRAWING NUMBER
USA/0614/5	SPECIAL FORM CERTIFICATE
CG4444	ANSI CLASSIFICATION
19 JUN 1997	LEAK TEST DATE
16 MAY 1996	MEASUREMENT DATE

YOU SHOULD RETAIN THIS DOCUMENT AS A RECORD OF GAUGE RECEIPT.

CERTIFICATION DATE - THE MOST RECENT DATE THE SOURCE WAS INSPECTED AND TESTED AS MEETING STRINGENT QUALITY CONTROL STANDARDS FOR SOURCE INTEGRITY.

SPECIAL FORM CERTIFICATE - THE SEALED SOURCES MEET US DOT AND IAEA "SPECIAL FORM" CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE SPECIAL FORM CERTIFICATE LISTED ABOVE FOR EACH SOURCE BEFORE TRANSPORTING OR SHIPPING THE GAUGE. PLEASE NOTE EACH CERTIFICATE HAS AN EXPIRATION DATE. CURRENT COPIES MAY BE OBTAINED FROM TROXLER.

LEAK TEST DATE - THE DATE THE SOURCE WAS LEAK TESTED AND FOUND TO HAVE REMOVABLE ACTIVITY OF LESS THAN 0.005 MICROCURIES.

MEASUREMENT DATE - THE DATE THE SOURCE ACTIVITY WAS DETERMINED AND THE REFERENCE DATE FOR CALCULATION OF THE CURRENT SOURCE ACTIVITY.

TYPE A PACKAGE TESTING - THE SHIPPING CASE MEETS US DOT 7A TYPE A PACKAGE CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE TYPE A PACKAGE TEST RESULTS BEFORE SHIPPING OR TRANSPORTING THE GAUGE.

 * TROXLER ELECTRONIC LABORATORIES, INC. *
 * GAUGE CERTIFICATE *
 * DUPLICATE - PRINTED 07 JUN 2004 *

TROXLER GAUGE MODEL: 4640 B TRANSFERRED ON: 27 MAR 1990
 GAUGE SERIAL NUMBER: 812 SALES ORDER NUMBER: 18452
 GAUGE REGISTRY NO: NC-646-D-131-S

TO *FROM*
 CODE : 1290000
 LICENSE: 53-21122-01 032-0182-1
 NAME : HAWAIIAN BIUMULS & PAVIN TROXLER ELECT. LABORATORIES, INC.
 240 SAND ISLAND ACCESS RD P O BOX 12057
 HONOLULU, HI 96813 RESEARCH TRIANGLE PARK, NC 27709

SEALED SOURCE

SEALED SOURCE

CS-137	RADIOACTIVE MATERIAL
50- 1789	SOURCE SERIAL NUMBER
.30 GBq (8.000 mCi)	ACTIVITY
19 DEC 1989	CERTIFICATION DATE
102112	TROXLER DRAWING NUMBER
GB/140/S	SPECIAL FORM CERTIFICATE
C64444	ANSI CLASSIFICATION
27 MAR 1990	LEAK TEST DATE
19 DEC 1989	MEASUREMENT DATE

YOU SHOULD RETAIN THIS DOCUMENT AS A RECORD OF GAUGE RECEIPT.

CERTIFICATION DATE - THE MOST RECENT DATE THE SOURCE WAS INSPECTED AND TESTED AS MEETING STRINGENT QUALITY CONTROL STANDARDS FOR SOURCE INTEGRITY.

SPECIAL FORM CERTIFICATE - THE SEALED SOURCES MEET US DOT AND IAEA "SPECIAL FORM" CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE SPECIAL FORM CERTIFICATE LISTED ABOVE FOR EACH SOURCE BEFORE TRANSPORTING OR SHIPPING THE GAUGE. PLEASE NOTE EACH CERTIFICATE HAS AN EXPIRATION DATE. CURRENT COPIES MAY BE OBTAINED FROM TROXLER.

LEAK TEST DATE - THE DATE THE SOURCE WAS LEAK TESTED AND FOUND TO HAVE REMOVABLE ACTIVITY OF LESS THAN 0.005 MICROCURIES.

MEASUREMENT DATE - THE DATE THE SOURCE ACTIVITY WAS DETERMINED AND THE REFERENCE DATE FOR CALCULATION OF THE CURRENT SOURCE ACTIVITY.

TYPE A PACKAGE TESTING - THE SHIPPING CASE MEETS US DOT 7A TYPE A PACKAGE CRITERIA. YOU ARE REQUIRED TO HAVE A COPY OF THE TYPE A PACKAGE TEST RESULTS BEFORE SHIPPING OR TRANSPORTING THE GAUGE.



Gauge Certificate
(with transfer data)

Gauge model: 4640
Transferred on: 7/30/2008

Serial no: 61146
Sales order: S4428

SS&D registry: NC-646-D-131-S
Date Printed: 7/30/2008

Transfer Data:

Transferee
License: 53-21273-01
Company: Grace Pacific Corporation
Address: 91-920 Farrington Highway
Ewa Beach, HI 96707
USA

Transferor
032-0182-01
Troxler Electronic Laboratories, Inc.
3008 Cornwallis Rd
RTP, NC 27709
USA

Sealed Source Data:

Radionuclide	Activity	Serial No.	Certification Date	Assay Date	Leak Test Date	Troxler Drawing	Special Form Certificate	ANSI Class
CS-137	0.300 GBq (8.000 mCi)	77-8078	4/26/2008	4/26/2008	6/6/2008	102112	USA/0356/S	C66535

Notes:

1. Certification Date: The most recent date the source was inspected and tested as meeting stringent quality control standards for source integrity.
2. Assay Date: The date the source activity was determined and the reference date for calculation of the current source activity.
3. Leak Test Date: The date the source was leak tested and found to have removable activity of less than 185 Bq (0.005 microcuries).
4. Date format: All dates are in format m/d/yyyy.

You should permanently retain this document as a record of gauge receipt.

No 5 7 5 7 6 4



Gauge Certificate
(with transfer data)

Gauge model: 4840	Serial no: 81148	SS&D registry: NC-846-D-131-S
Transferred on: 7/30/2008	Sales order: S4428	Date Printed: 7/30/2008

Transfer Data:

	Transferee	Transferor
License:	53-21273-01	032-0182-01
Company:	Grace Pacific Corporation	Troxler Electronic Laboratories, Inc.
Address:	81-920 Farrington Highway Ewa Beach, HI 96707 USA	3008 Cornwalls Rd RTP, NC 27709 USA

Sealed Source Data:

Radionuclide	Activity	Serial No.	Certification Date	Assay Date	Leak Test Date	Troxler Drawing	Special Form Certificate	ANSI Class
CS-137	0.300 GBq (8.000 mCi)	77-8079	4/26/2008	4/26/2008	6/8/2008	102112	USA/0356/S	C68535

Notes:

- Certification Date:** The most recent date the source was inspected and tested as meeting stringent quality control standards for source integrity.
- Assay Date:** The date the source activity was determined and the reference date for calculation of the current source activity.
- Leak Test Date:** The date the source was leak tested and found to have removable activity of less than 185 Bq (0.005 microcuries).
- Date format:** All dates are in format m/d/yyyy.

You should permanently retain this document as a record of gauge receipt.



Gauge Certificate

(with transfer data)

Gauge model: 4640
 Transferred on: 8/11/2008

Serial no: 61147
 Sales order: S4427

SS&D registry: NC-646-D-131-S
 Date Printed: 8/11/2008

Transfer Data:

	Transferee	Transferor
License:	53-21273-01	032-0102-01
Company:	Grace Pacific Corporation	Troxler Electronic Laboratories, Inc.
Address:	91-920 Farrington Highway Ewa Beach, HI 96707 USA	3008 Cornwallis Rd RTP, NC 27709 USA

Sealed Source Data:

Radionuclide	Activity	Serial No.	Certification Date	Assay Date	Leak Test Date	Troxler Drawing	Special Form Certificate	ANSI Class
CS-137	0.300 GBq (8.000 mCi)	77-8080	4/25/2008	4/25/2008	6/6/2008	102112	USA/0356/S	C66535

Notes:

- Certification Date:** The most recent date the source was inspected and tested as meeting stringent quality control standards for source integrity.
- Assay Date:** The date the source activity was determined and the reference date for calculation of the current source activity.
- Leak Test Date:** The date the source was leak tested and found to have removable activity of less than 185 Bq (0.005 microcuries).
- Date format:** All dates are in format m/d/yyyy.

You should permanently retain this document as a record of gauge receipt.



Gauge Certificate
(with transfer data)

Gauge model: 4640B
Transferred on: 11-Aug-2008

Serial no: 61157
Sales order: S4427

SS&D registry: NC-646-D-131-S
Date Printed: 30-Apr-2010

Transfer Data:

Transferee
License: 53-21273-01
Company: Grace Pacific Corporation
Address: 91-920 Farrington Highway
Ewa Beach, HI 96707
USA

Transferor
032-0182-01
Troxler Electronic Laboratories, Inc.
3008 Cornwallis Rd
RTP, NC 27709
USA

Sealed Source Data:

Radionuclide	Activity	Serial No.	Certification Date	Assay Date	Leak Test Date	Troxler Drawing	Special Form Certificate	ANSI Class
CS-137	0.300 GBq (8.000 mCi)	77-8088	21-May-2008	21-May-2008	06-Jun-2008	102112	USA/0356/S	C66535

Notes:

1. Certification Date: The most recent date the source was inspected and tested as meeting stringent quality control standards for source integrity.
2. Assay Date: The date the source activity was determined and the reference date for calculation of the current source activity.
3. Leak Test Date: The date the source was leak tested and found to have removable activity of less than 185 Bq (0.005 microcuries).

You should permanently retain this document as a record of gauge receipt.

No 5 7 5 7 6 4



Gauge Certificate
(with transfer data)

Gauge model: 4640B	Serial no: 63697	SS&D registry: NC-646-D-131-S
Transferred on: 19-Aug-2010	Sales order: S14153	Date Printed: 19-Aug-2010

Transfer Data:

	Transferee	Transferor
License:	53-21273-01	032-0182-01
Company:	Grace Pacific Corporation	Troxler Electronic Laboratories, Inc.
Address:	110 Puuhale Road Honolulu, HI 96819 USA	3008 Cornwallis Rd RTP, NC 27709 USA

Sealed Source Data:

Radionuclide	Activity	Serial No.	Certification Date	Assay Date	Leak Test Date	Troxler Drawing	Special Form Certificate	ANSI Class
CS-137	0.300 GBq (8.000 mCi)	77-9889	21-Jul-2010	21-Jul-2010	21-Jul-2010	102112	USA/0356/S	C06535

Notes:

- Certification Date:** The most recent date the source was inspected and tested as meeting stringent quality control standards for source integrity.
- Assay Date:** The date the source activity was determined and the reference date for calculation of the current source activity.
- Leak Test Date:** The date the source was leak tested and found to have removable activity of less than 185 Bq (0.005 microcuries).

You should permanently retain this document as a record of gauge receipt.



Gauge Certificate
(with transfer data)

Gauge model: 4640B
Transferred on: 19-Aug-2010

Serial no: 63727
Sales order: S14153

SS&D registry: NC-646-D-131-S
Date Printed: 19-Aug-2010

Transfer Data:

	Transferee	Transferor
License:	53-21273-01	032-0182-01
Company:	Grace Pacific Corporation	Troxler Electronic Laboratories, Inc.
Address:	110 Puuhale Road Honolulu, HI 96819 USA	3008 Cornwallis Rd RTP, NC 27709 USA

Sealed Source Data:

Radionuclide	Activity	Serial No.	Certification Date	Assay Date	Leak Test Date	Troxlor Drawing	Special Form Certificate	ANSI Class
CS-137	0.300 GBq (8.000 mCi)	77-9915	21-Jul-2010	21-Jul-2010	21-Jul-2010	102112	USA/0356/S	C68535

Notes:

1. Certification Date: The most recent date the source was inspected and tested as meeting stringent quality control standards for source integrity.
2. Assay Date: The date the source activity was determined and the reference date for calculation of the current source activity.
3. Leak Test Date: The date the source was leak tested and found to have removable activity of less than 185 Bq (0.005 microcuries).

You should permanently retain this document as a record of gauge receipt.

AUG - 9 2011

DATE

This is to acknowledge the receipt of your letter/application dated 8/9/11, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** MA 575764.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,
Carol J. Hee

Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03121
Status Code: Pending Amendment
Fee Category: 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: GRACE PACIFIC CORPORATION
Received Date: 08/09/2011
Docket Number: 3020138
Mail Control Number: 575764
License Number: 53-21273-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed: _____

Carol L. Heie

Date: _____

8/9/11

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____