



SUPERIOR BOWEN ASPHALT COMPANY, L.L.C.

11030 Hickman Mills Drive • P.O. Box 9669 • Kansas City, Missouri 64134
(816) 765-1313 • Fax (816) 765-0945



September 4, 2012

Michael Herr
Material Licensing Branch
United States Regulatory Commission - Region III
2443 Warrenville Road
Lisle, IL 60532-4352

RE: Material License 24-26162-01

Dear Mr. Herr:

I am writing to request an amendment to Radioactive License No: 24-26162-01 expiration date January 31, 2016. At this time, I have four amendments that I would like to make.

We would like to transfer four material gauges to our license. They are as follows; Troxler Model 3450 gauge serial number 00122 source serial number 750-4520Cs-137 and 47-25489Am-241:Be. Troxler Model 3440 gauge serial number 27806 source serial number 750-1722Cs-137 and 47-24435Am-241:Be. Troxler Model 3440 gauge serial number 30133 source serial number 750-4594Cs-137 and 47-27279Am-241:Be. Troxler Model 3440 gauge serial number 27630 source serial number 750-1459Cs-137 and 47-24176Am-241:Be. We need to amend our current license to include the above mentioned gauges. I am attaching the most recent leak test results on the gauges as required.

We would like to amend item nine (9. Authorized Use) of the current license to:

- A. For use in Troxler Model 4640 Series moisture/density gauges for measurement of properties of construction material.
- B. For use in Troxler Model 3400 series gauge(s) to measure moisture content and/or density of construction materials.

We would also like to amend item ten (10. Conditions) of the current license to:

- A. Licensed materials may be stored and used at the licensee's facilities located at 5318 Blue Banks Ave., Kansas City, Missouri and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

We would also like to amend item eleven (11. Conditions) of the current license to:

- A. The Radiation Safety Officer for this license is Jennifer N. Breuer.
- B. The Radiation Safety Officer for this license also includes Jontell L Jones and Armando Lamas. Radiation Safety Officer Licenses are attached.

If you have any questions or need further information, please contact me at any time. I appreciate your time and attention in this matter.

Sincerely,



Jennifer Breuer, RSO
Superior Bowen Asphalt Company, LLC



TroXler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
 Research Triangle Park, NC 27709
 Tel: (877) 876-9537 Fax: (866) 391-2759
 License: NC 032-0182-1

Armando Lamas
 CLARKSON CONSTRUCTION CO.
 4133 GARDNER AVE.
 PO BOX 34315
 KANSAS CITY, MO 64120

Cust ID: 4997

LEAK TEST CERTIFICATE

DEVICE:

Model: 3450 Serial No: 122

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
750-4520	01/13/1999	Cs-137	0.296	8
47-25489	11/07/1997	Am-241:Be	1.48	40

LEAK TEST ANALYSIS:

Sample collected on: 06/18/2012
 Sample analyzed on: 06/25/2012 11:43:25 A Position: 59
 Analyzed by: D. Rose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	0	21
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) Greater than 185 Bq (0.005 uCi)



Troloxer Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

Armando Lamas
 CLARKSON CONSTRUCTION CO.
 4133 GARDNER AVE.
 PO BOX 34315
 KANSAS CITY, MO 64120

Cust ID: 4997

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 Serial No: 27806

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
750-1722	07/23/1997	Cs-137	0.296	8
47-24435	02/10/1997	Am-241:Be	1.48	40

LEAK TEST ANALYSIS:

Sample collected on: 06/19/2012

Sample analyzed on: 06/25/2012 11:42:13 A Position: 58

Analyzed by: D. Rose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	0	30
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) Greater than 185 Bq (0.005 uCi)



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

Armando Lamas
 CLARKSON CONSTRUCTION CO.
 4133 GARDNER AVE.
 PO BOX 34315
 KANSAS CITY, MO 64120

Cust ID: 4997

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440

Serial No: 30133

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-27279	06/05/1998	Am-241:Be	1.48	40
750-4594	01/13/1999	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 06/18/2012

Sample analyzed on: 06/25/2012 11:47:02 A Position: 62

Analyzed by: D. Rose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	1	20
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

 Less than 185 Bq (0.005 uCi)

 Greater than 185 Bq (0.005 uCi)



Troloxer Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
 Research Triangle Park, NC 27709
 Tel: (877) 876-9537 Fax: (866) 391-2759
 License: NC 032-0182-1

Armando Lamas
 CLARKSON CONSTRUCTION CO.
 4133 GARDNER AVE.
 PO BOX 34315
 KANSAS CITY, MO 64120

Cust ID: 4997

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 Serial No: 27630

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
750-1459	06/18/1997	Cs-137	0.296	8
47-24176	12/16/1996	Am-241:Be	1.48	40

LEAK TEST ANALYSIS:

Sample collected on: 06/19/2012
 Sample analyzed on: 06/25/2012 11:44:37 A Position: 60
 Analyzed by: D. Rose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	0	22
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) Greater than 185 Bq (0.005 uCi)

Certificate of Completion

This certifies that

Gontell Jones

has successfully completed the
Radiation Safety Officer Training Class
conducted by the training department of

Troxler Electronic Laboratories, Inc.

P. Patrick Schroeder

Patrick Schroeder
Instructor

April 26, 2012
Date

William F. Troxler, Jr.
President



Troxler Electronic Laboratories, Inc.
PO Box 12057 * 3008 Cornwallis Rd. * Research Triangle Park, NC 27709
Phone: (919) 549-8661 * Fax: (919) 549-0761 * Web site: www.troxlerlabs.com

41845895

HAZMAT Certification

as required by U.S. DOT and IATA

This certifies that
Jontell Jones

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety, and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc.

Training Date
April 26, 2012

Expiration Date
3 years from date of class

Instructor
Patrick Schroeder



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Road • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • www.troxlerlabs.com

Hazmat Employer Certification

Company:

Company Official: _____ Date: _____

Enrollment ID: 41845895

Certificate of Completion

This certifies that

Armando Lamas

has successfully completed the

Radiation Safety Officer Class

conducted by the training department of

Troxler Electronic Laboratories, Inc.


Greg Farnen
Instructor

12/10/2003
Date

William F. Troxler, Jr.
President



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com

Enrollment ID: 6204

SUPERIOR BOWEN ASPHALT
5318 Blue Banks Avenue
KANSAS CITY MO 64130
816-448-2663

facsimile transmittal

To: MIKE HERR Fax: 630-515-1078

From: Jennifer Brewer / Jontell Jones Date: September 6, 2012

Re: Amendment Letter w/ Pages: 10

attached documentation.

Urgent For Review Please Comment Please Reply Please Recycle

Notes:

.....