



Interstate Construction Corporation
Branscome Richmond
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Midlothian, VA 23112

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August 3, 2006

Michelle Beardsley
Materials Security and Industrial Branch
Division of Nuclear Materials Safety, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

J-1

45-23075-01
03020242

Ref: Control No. 138987

Dear Ms. Beardsley:

Please find attached the last leak test results for the four (4) Troxler (two 4640B and two 4640) portable gauges that we purchased from Mega Contractors, Inc.

All of the gauges were last tested on July 17, 2006.

Troxler Gauge Model:	4640B	Serial # 1718	7-17-06
Troxler Gauge Model:	4640B	Serial # 617	7-17-06
Troxler Gauge Model:	4640A	Serial # 177	7-19-06
Troxler Gauge Model:	4640	Serial # 80	7-17-06

Please contact us if any additional information is needed.

Very truly yours,

INTERSTATE CONSTRUCTION CORP.

J. Brent Moore
Vice President

138987
NMSS/RCNI MATERIALS-002

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (919) 485-2250

License: NC 032-0182-1

LEAK TEST CERTIFICATE**DEVICE:**

Model: 4640

Serial No: 1718

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
75-8729	10/14/1995	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 07/17/2006

Sample analyzed on: 07/26/2006 at 8:54:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.28E+01	2.04E+01
Background measurement (cpm)	1	28
Sample measurement (cpm)	0	32
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.1E-01	1.3E+00

This certifies that the above leak test results are:

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

If greater than 185 Bq (0.005 uCi):

Person Notified _____

Date _____

Phone _____

and/or Fax _____

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LEAK TEST CERTIFICATE**DEVICE:**

Model: 4640

Serial No: 617

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
50-6341	02/28/1989	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 07/17/2006

Sample analyzed on: 07/26/2006 at 8:55:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.28E+01	2.04E+01
Background measurement (cpm)	1	28
Sample measurement (cpm)	1	34
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.1E-01	1.3E+00

This certifies that the above leak test results are:

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

If greater than 185 Bq (0.005 uCi):

Person Notified _____

Date _____

Phone _____

and/or Fax _____

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LEAK TEST CERTIFICATE**DEVICE:**

Model: 4640

Serial No: 177

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
50-2228	02/20/1986	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 07/19/2006

Sample analyzed on: 07/26/2006 at 8:57:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.28E+01	2.04E+01
Background measurement (cpm)	1	28
Sample measurement (cpm)	0	31
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.1E-01	1.3E+00

This certifies that the above leak test results are:

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

If greater than 185 Bq (0.005 uCi):

Person Notified _____ Date _____

Phone _____ and/or Fax _____

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LEAK TEST CERTIFICATE**DEVICE:**

Model: 4640

Serial No: 80

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
50-1260	05/23/1985	CS-137	0.298	8

LEAK TEST ANALYSIS:

Sample collected on: 07/17/2006

Sample analyzed on: 07/26/2006 at 8:56:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.28E+01	2.04E+01
Background measurement (cpm)	1	28
Sample measurement (cpm)	0	23
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.1E-01	1.3E+00

This certifies that the above leak test results are:

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

If greater than 185 Bq (0.005 uCi):

Person Notified _____

Date _____

Phone _____

and/or Fax _____