

## Government of the District of Columbia

**d.**

District Department of Transportation  
Infrastructure Project Management Administration  
Quality Assurance/Quality Control Division

P-3

September 20, 2006

Mr. Samuel Collins  
Region I  
U.S. Nuclear Regulator  
Commission  
475 Allendale Road  
King of Prussia, PA 19406

Dear Mr. Collins:

03028905

Transferring Nuclear Gauge  
License No. 08-23557-01

This letter is to confirm that our Troxler nuclear gauge, Model 3450, Gauge Serial Number 94, Sealed Source Serial Nos. 47-24642 and 750-3928, has been permanently transferred to InstroTek, Inc at 5908 Triangle Drive, Raleigh, NC 27617 on September 13, 2006. Result of recent Leak test on this gauge is also attached.

Please contact this office at (202) 671-2422 if you have any questions.

Sincerely,

Lawrence Chung  
Radiation Safety Officer

Attachments: 1. InstroTek, Inc. Confirmation Letter  
2. Leak Test Result

Cc: Ms. Kathy Modes (NRC)  
Mr. Wasi Khan, Chief of QA/QC Division, DDOT

139434  
NMSS/RGNI MATERIALS-002

I N N O V A T O R S I N I N S T R U M E N T A T I O N T E C H N O L O G Y

**To:** Lawrence Chung, RSO, DC Dept. of Transportation

**From:** InstroTek, Inc.

**Date:** 09/20/2006

**Re:** Transfer of gauges into InstroTek Inventory

We have received and inspected the following gauge and have now permanently transferred this gauge into our inventory at 5908 Triangle Drive, Raleigh, NC 27617, USA.

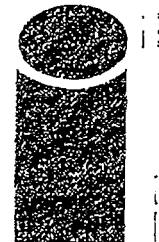
Gauge Manufacturer	Model	S/N
Troxler	3450	94

If we can be of any assistance, please do not hesitate to contact us.

Ali Keginand

President and RSO

InstroTek, Inc.  
Phone 919-875-8371  
Fax 919-875-8328  
www.instrotek.com



instroTek®  
inc.



**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: 3450 Serial No: 94

**SEALED SOURCES:**

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
47-24642	04/10/1997	AM-241:BE	1.48	40
750-3928	07/23/1998	CS-137	0.296	8

**LEAK TEST ANALYSIS:**

Sample collected on: 06/06/2006

Sample analyzed on: 06/13/2006 at 10:18:00 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 \_\_\_\_\_

This is to acknowledge the receipt of your letter/application dated

9/20/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Notification 08-23557-01 There were no administrative omissions. Your application was 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

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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 139434.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.