MMSB3

NRC FORM 314 (6-2004)
10 CFR 30.36(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(j)(1)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028 EXPIRES: 06/30/2007

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS	LICENSE NUMBER	DOCKET NUMBER
Mark C. Coval, P.E. - Airport Engineering Manager City ofPhiladelphia - Division of Aviation Philadelphia International Airport - Terminal E Philadelphia, PA 19153	37-07983-12	03036159
	LICENSE EXPIRATION DATE: January 31, 2013	

A. LICENSE STATUS *(Check the appropriate box)*

☐ This license has expired. ☒ This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the lic ensee, certifies that:

☐ 1. No radioactive materials have ever been procured or possessed by the licensee u nder this license.

☒ 2. All activities authorized by this license have ceased, and all radioactive mate rials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following ma nner.

☒ a. Transfer of radioactive materials to the licensee listed below:
Instrotek Inc. 5908 Triangle Drive, Raleigh, NC 27617

☐ b. Disposal of radioactive materials:

☐ 1. Directly by the licensee:
Radiation Safety Officer - Ali Regimand
Telephone Number - (919) 875-8371
License Number - 092-1073-1
Date of Transfer - June 22, 2005

☐ 2. By licensed disposal site:

☐ 3. By waste contractor:

☐ c. All radioactive materials have been removed such that any remaining residua l radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

RECEIVED
2005 AUG -5 AM 2:34

C. SURVEYS PERFORMED AND REPORTED

☐ 1. A radiation survey was conducted by the licensee. The survey confirms:

☐ a. the absence of licensed radioactive materials

☐ b. that any remaining residual radioactivity is within the limits of 10 CFR 20 , Subpart E, and is ALARA.

☐ 2. A copy of the radiation survey results:

☐ a. is attached; or ☐ b. is not attached (Provide explanation); or ☐ c. was forwarded to NRC on: Date

☒ 3. A radiation survey is not required as only sealed sources were ever possess ed under this license, and

☒ a. The results of the latest leak test are attached; and/or ☒ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Mark C. Coval, P.E.	Airport Engineering Manager	(215) 937-6728	Mark.Coval@phl.org

Mail all future correspondence regarding this license to:

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Mark C. Coval, P.E. Airport Engrg. Mgr.	Mark C Coval	8/2/05

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

13746 9

NMSS/RGN1 MATERIALS-002

CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

INSTRUCTIONS

Section B, Item 2.
Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

Section B, Item 2.a.
The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

Section B, Item 2.b.
For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

Section B, Item 2.c.
"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

NUCLEAR MATERIALS SAFETY SECTION
U. S. NUCLEAR REGULATORY COMMISSION, REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, S.W., SUITE 23T85
ATLANTA, GEORGIA 30303-8931

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION
U. S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

INNOVATORS IN INSTRUMENTATION TECHNOLOGY

Memo

To: City of Philadelphia

From: InstroTek, Inc.

Date: 06/22/2005

Re: Transfer of gauges into InstroTek Inventory

We have received and inspected the following gauges and have now permanently transferred these gauges into our inventory at 5908 Triangle Drive, Raleigh, NC 27617, USA. This gauge acceptance is done under Introtek's **Radioactive Materials License Number 092-1073-1.**

Gauge Manufacturer	Model	S/N
Troxler	3440	14896
Troxler	3440	20061
Troxler	3440	15137
Troxler	3411	4388
Troxler	3411	6329

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

Sincerely,

Ali Regimand
President and RSO

5908 TRIANGLE DRIVE, RALEIGH, NC 27617 tel: 919.875.8371 fax: 919.875.8328 www.InstroTek.com

InstroTek® Inc.

PHL
PNE PHILADELPHIA AIRPORT SYSTEM

Division of Aviation • Design and Construction Unit • Terminal E • Philadelphia, PA 19153 • fax: 215-937-6734

Date: 6/22/05

Instrotek, Inc., 5908 Triangle Drive, Raleigh, NC 27617, acknowledges receipt of the following old material from City of Philadelphia, Division of Aviation:

1. Nuclear Gage: Tag #350016, Serial #4388
2. Nuclear Gage: Tag #427327, Serial #6329
3. Nuclear Gage: Tag #420120, Serial #14896
4. Nuclear Gage: Amd/Inv Serial #15137
5. Nuclear Gage: Amd/Inv Serial #20061

Name J. MAURICE ARBELAEZ (PLEASE PRINT) Signature _____

Witnessed by: Christopher J Dwyer DOA Engineering

Witnessed By: Andrea R. Marley DOA Maintenance

cc: Mark Coval, P. E.
Allan Moore, Jr., P. E.

RADIOACTIVE MATERIALS BRANCH
RADIATION PROTECTION SECTION
N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

RADIOACTIVE MATERIALS LICENSE

Pursuant to North Carolina Regulations for Protection Against Radiation and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer, and import radioactive materials listed below; and use such radioactive material for the purpose(s) and at the place(s) designated below. This License is subject to all applicable rules and regulations of the North Carolina Department of Environment and Natural Resources now and hereafter in effect and to any conditions specified below.

1.	Licensee Name:	InstroTek, Inc.	3.	License No:	092-1073-1
2a.	Mailing Address:	5908 Triangle Drive Raleigh, NC 27617	4.	Expiration Date:	July 31, 2007
b.	Physical Address:	5908 Triangle Drive Raleigh, NC 27617		New License / Renewal	X Routine / Administrative / Corrected Copy / Termination
c.	Radiation Safety Officer:	Ali Regimanc	5.a.	Amendment No.:	14
			b.	Issuance Date:	July 22, 2004

6.	Radioactive Material (element and mass no.)	7.	Chemical and/or Physical Form	8.	Maximum Amount of Radioactivity and/or Quantity of Radioactive Material which Licensee May Possess at Any One Time.
A.	Cesium 137	A.	Sealed Source	A.	No single source to exceed 1 millicuries
B.	Americium 241:Be	B.	Sealed Source	B.	No single source to exceed 330 millicuries
C.	Radium 226:Be	C.	Sealed Source	C.	No single source to exceed 4.5 millicuries
D.	Cesium 137	D.	Sealed Source	D.	No single source to exceed 10 millicuries
E.	Cobalt 60	E.	Sealed Source	E.	No single source to exceed 1 millicurie
F.	Americium 241:Be	F.	Sealed Source	F.	No single source to exceed 100 millicuries
G.	Cadmium 109	G.	Sealed Source	G.	No single source to exceed 10 millicuries
H.	Barium 133	H.	Sealed Source	H.	No single source to exceed 10 millicuries
I.	Thorium 230	I.	Sealed Source	I.	No single source to exceed 0.010 millicurie
J.	**Californium 252**	**J.**	**Sealed Source**	**J.**	**No single source to exceed .00 µCi**

9. Authorized Use:

A - C. To be incorporated into various make and model moisture density gauges (in accordance with manufacturer's approved specifications only):

1) Troxler 3400 Series
2) Troxler 4640 Series
3) Troxler 3241 Series
4) Troxler 3216 Series
5) CPN MC Series
6) Humboldt 5001 Series
7) Seaman C75 Series
8) Seaman C200 Series

D - J. To be used for instrument testing, calibration, research and development.

RADIOACTIVE MATERIALS BRANCH
RADIATION PROTECTION SECTION
N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

License No.: 092-1073-1

RADIOACTIVE MATERIALS LICENSE

CONDITIONS

10. A. The authorized place of use is the licensee's address stated in Item 2b. above.

B. Radioactive materials may be used at temporary jobsites of the licensee throughout the State of North Carolina in areas not under exclusive Federal jurisdiction (Federal installations such as military bases, VA hospitals, etc). Authorization for the use of radioactive materials at temporary jobsites under exclusive Federal jurisdiction shall be obtained either by (1) filing an NRC Form 241 [10 CFR 150.20(b)], or (2) applying for reciprocity, or (3) applying for a specific license from the NRC if the length of the job is to exceed six (6) months.

C. This condition does not prohibit the use of radioactive materials in other states; however, before radioactive material can be used at a temporary jobsite in another state, authorization must be obtained from the State, if it is an Agreement State, or from the Nuclear Regulatory Commission for any non-Agreement State, either by filing for reciprocity or applying for a specific license.

11. The licensee shall comply with the provisions of 15A NCAC 11 .1600 "Standards for Protection Against Radiation," and 15A NCAC 11 .1000 "Notices, Instructions, Reports and Inspections." (The North Carolina Regulations for Protection Against Radiation are contained in 15A NCAC 11.)

12. A. Licensed material shall only be used by Ali Regimand, or individuals who (1) are employees of the licensee, (2) have successfully completed an agency approved training program for gauge users, (3) have been instructed in the licensee's routine operating and emergency procedures and (4) have been designated in writing as having completed these requirements by the Radiation Safety Officer.

B. Records of these designations shall be maintained for three (3) years after the company no longer employs the individual.

C. The licensee shall establish a method of identification and documentation of training for the persons authorized in Condition A above. This shall be made available for review by the agency at the time of either a field or home office inspection.

D. The Radiation Safety Officer for the activities authorized under this license shall be Ali Regimand.

13. A. Each sealed source containing radioactive material, other than Hydrogen 3 with a half-life greater than thirty (30) days and in any form other than gas, shall be tested for leakage and/or contamination at intervals not to exceed six (6) months, except that each source designed for the purpose of emitting alpha particles shall be tested at intervals not to exceed three (3) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested.

B. Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma-emitting material or 10 microcuries or less of alpha-emitting material.

C. Except for alpha sources, the periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six (6) months prior to the date of use or transfer.

D. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the agency.

RADIOACTIVE MATERIALS BRANCH
RADIATION PROTECTION SECTION
N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

RADIOACTIVE MATERIALS LICENSE

CONDITIONS (continued):

13. E. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with agency regulations. A report shall be filed within five (5) days of the test with the Radioactive Materials Branch, Radiation Protection Section, Department of Environment and Natural Resources, 1645 Mail Service, Raleigh, NC 27699-1645, describing the equipment involved, the test results, and the corrective action taken.

F. Tests for leakage and/or contamination shall be performed by persons specifically authorized by the agency to perform such services.

14. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the agency and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.

15. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provision of Section 71.5, Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material For Transport."

16. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.

17. Gauges that are equipped with a sliding block which require servicing shall be cleaned and lubricated only by personnel who are authorized in the license to use the gauge and who have received training on how to remove, clean and lubricate the sliding block properly. The sliding block may be removed provided:

A. Personnel removing the sliding block wear appropriate personnel monitoring equipment; and

B. Personnel removing the sliding block stay on the opposite side of the gauge from the sliding block and use a mirror to view the removal and reinstallation of the sliding block in order to minimize exposure.

18. The licensee shall not attempt or perform any mechanical modification to the critical parts of any gauge, to include but not limited to sealed sources and shielding components.

19. The licensee shall keep records for each device authorized in this license showing which authorized user has the device, the time and date the device was removed from storage, job where device was used and the time and date the device was placed back into storage. Records of use shall be kept for two (2) years for inspection by the agency or until they have been reviewed by the agency and if the records are determined to be satisfactory, then they may be disposed of.

20. The licensee shall maintain and provide access (by the agency) to records which assure compliance with 15A NCAC 11 .0115 *Records*.

21. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 15A NCAC 11.0353 for establishing decommissioning financial assurance.

22. The licensee shall annually review its Radiation Protection Program for content and implementation [Ref. 15A NCAC 11 .1603(c)]. Documentation of the Radiation Protection program reviews shall be retained for inspection by the agency [Ref. 15A NCAC 11 .1636].

23. The licensee shall institute the provisions of 15A NCAC 11 .1610 when an occupationally exposed woman voluntarily informs her supervisor, in writing, of her pregnancy and the estimated date of conception.

24. The licensee shall ensure that no individual "member of the public" [Reference: 15A NCAC 11 .0104(64)] receives a radiation dose in excess of the limits specified in 15A NCAC 11 .1611(a) while conducting licensed operations.

RADIOACTIVE MATERIALS BRANCH
RADIATION PROTECTION SECTION
N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

RADIOACTIVE MATERIALS LICENSE

CONDITIONS (continued):

25. The licensee is approved to provide the following services (in accordance with, and as specified in renewal application with attachments dated May 29, 2002, signed by Ali Regimand, President).

    a) "Resale" of gauges to and from appropriately licensed entities.
    b) Calibration and repair of gauges.
    c) Provide Leak Test services.
    d) Provide nuclear gauge training. Training shall be conducted by Ali Regimand and Larry James.

26. The licensee may conduct research and development provided:

    a) it is conducted in accordance with, and as specified, in renewal application with attachments dated May 29, 2002, signed by Ali Regimand, President.

    b) research and development activites receive prior documented approval by the RSO, and

    c) use of any sealed sources will be logged in and out of the locked storage area.

27. This license may be subject to amendment, revision, modification, suspension, or revocation in accordance with the provisions of 15A NCAC 11 .0344.

28. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6., 7., and 8. of this license in accordance with statements, representations and procedures and attachments listed below. The North Carolina Regulations for Protection Against Radiation shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

    A. Application with attachments dated May 29, 2002, signed by Ali Regimand, President

    B. Application for Amendment dated December 2, 2003, signed by Ali Regimand, President.

    C. Application for Amendment with attachment dated January 9, 2004, signed by Ali Regimand, President.

    D. Letter with attachments dated January 23, 2004, signed by Ali Regimand, President.

    E. Letter with attachments dated July 15, 2004, signed by Ali Regimand, President.

For: Beverly O. Hall
Section Chief, Radiation Protection Section
ch

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: 3440 Serial No: 14896

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY (GBq)	ACTIVITY (mCi)
47-10253	7/21/1987	AM-241:BE	1.48	40
50-3644	7/21/1987	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 03/11/2005

Sample analyzed on: 03/16/2005 at 10:42:00 AM

Analyzed by: J.OLSEN

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.09E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	28
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+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 _____

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: 3411 Serial No: 6329

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY (GBq)	ACTIVITY (mCi)
47-2502	5/14/1979	AM-241:BE	1.48	40
40-3459	5/15/1979	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 03/11/2005

Sample analyzed on: 03/16/2005 at 10:37:00 AM

Analyzed by: J.OLSEN

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.09E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	13
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+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 _____

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: 3440 Serial No: 20061

SEALED SOURCES:

			ACTIVITY	
SERIAL NO.	**MEASURE DATE**	**NUCLIDE**	**(GBq)**	**(mCi)**
47-15545	1/20/1991	AM-241:BE	1.48	40
75-1308	1/5/1991	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 03/11/2005

Sample analyzed on: 03/16/2005 at 10:38:00 AM

Analyzed by: J.OLSEN

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.09E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	29
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+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 _____

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: 3411 Serial No: 4388

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY (GBq)	ACTIVITY (mCi)
40-1399	9/28/1976	CS-137	0.296	8
47-455	9/23/1976	AM-241:BE	1.48	40

LEAK TEST ANALYSIS:

Sample collected on: 03/11/2005

Sample analyzed on: 03/16/2005 at 10:40:00 AM

Analyzed by: J.OLSEN

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.09E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	26
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+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 _____

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: 3440 Serial No: 15137

SEALED SOURCES:

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY (GBq)	ACTIVITY (mCi)
50-3980	10/7/1987	CS-137	0.296	8
47-10616	9/16/1987	AM-241:BE	1.48	40

LEAK TEST ANALYSIS:

Sample collected on: 03/11/2005

Sample analyzed on: 03/16/2005 at 10:41:00 AM

Analyzed by: J.OLSEN

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.09E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	1	21
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+00

This certifies that the above leak test results are:

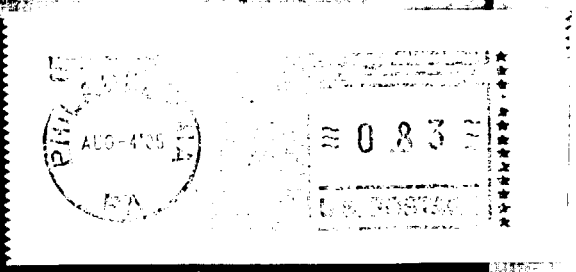
☑ Less than 185 Bq (0.005 uCi) ☐ Greater than 185 Bq (0.005 uCi)

If greater than 185 Bq (0.005 uCi):

Person Notified _____ Date _____

Phone _____ and/or Fax _____

Mark C. Coval, P.E.
Airport Engineering Manager
Division of Aviation - Terminal E
Philadelphia International Airport
Philadelphia, PA 19153



Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

137469

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

8/2/2005, and to inform you that the initial processing which includes an administrative review has been performed.

TEAM. 37-07983-12

☑ 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** 137469.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader