

NRC FORM 313

(10-2005)

10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), 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, (3150-0120), 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.

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH
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 APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐

A. NEW LICENSE

☒

B. AMENDMENT TO LICENSE NUMBER

37-30298-01

☐

C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

JRT-CALIBRATION SERVICES INC.
581-B WEST HIGH ST.
POTTSTOWN PA. 19464

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

JRT-CALIBRATION SERVICES INC
581-B WEST HIGH ST.
POTTSTOWN PA 19464

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

HAROLD W. HARBISON
TELEPHONE NUMBER

610-327-9610

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

SEE ATTACHMENTS

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY

AMOUNT
ENCLOSED \$

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

HAROLD W. HARBISON - OWNER - R.S.O.

SIGNATURE

Harold W. Harbison

DATE

7-12-06

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

**JRT-CALIBRATION SERVICES,INC.
581-B WEST HIGH STREET
POTTSTOWN, PA.19464**

**REVISED NRC LICENSING DOCUMENTS
for
JULY 2006**

**LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR REGULATORY MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415**

**SUBJECT: JRT CALIBRATION SERVICES INC. LICENSE AMENDMENT
CHANGE OF ADDRESS**

Dear Sir, Madam :

JRT Calibration Services is requesting an amendment to its current license to reflect an address change to the new location we are moving to. We have outgrown our current location and will be moving approximately 3 miles west from its current location. The new mailing address for JRT-CALIBRATION SERVICES INC. is at **"581-B West High Street, Pottstown PA 19464"**. We have purchased the building complex with the rest of the property. The room is being custom built so that none of the walls of the calibration room are an exterior wall. JRT will supply a diagram of the room, and of the portion of the building JRT will be occupying.

The calibration room inside the building that our JLS 137-Cs calibrator will be relocated shall have the same type or better shielding, security, and surveillance for all the sources used and owned by JRT. The new location which is a one floor complex that has a foundation of approximately two and ½ feet thick solid concrete floor with 14 ft high ceilings. The room slated for calibration use with the JLS calibrator shall have walls thick enough to match or exceed the current protection as the original room at 1200 E High St.

Our license allows us to transport sources and our calibrator with the proper shipping container(s) to the new location. JRT CALIBRATION SERVICES INC. is providing copies of the most recent leak test of all sources. All records show that none of JRT's radioactive source standards have never leaked, or has ever been damaged to cause a sealed source to leak.

**LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR REGULATORY MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415**

**SUBJECT: JRT CALIBRATION SERVICES INC. LICENSE AMENDMENT
CHANGE OF ADDRESS**

I'm also requesting to have my license; **37-30298-01** amended to show an additional authorized user and an Radiation Safety Officer to my license. I'm requesting to have Mr. Daniel S. Strachko III as an authorized user and handler of the materials that are listed in my license.

I am providing a brief summary of his training that support his expertise in this field, and his length of time in this field. Mr. Strachko has been under my direction and tutelage for the past five years in the areas of radiation safety, health physics, dosimetry, hazmat, and instrument repair as an assistant radiation safety officer. He has been trained in auditing, and consulting when dealing with radiation instrumentation monitoring equipment. He has performed over one hundred client on site consults covering instrumentation monitoring, radiation safety protocols, and performed basic radiation safety training to our pharmaceutical, environmental, and industrial clients.

Mr. Strachko is attending an R.S.O. certification course in the middle of JUNE 2006 to become certified as an radiation safety officer. Prior to that course in MAY 2006, he attended a hazmat multi-module training course to become hazmat certified.

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SUMMARY OF ITEM 3:
ADDRESSES WHERE LICENSED MATERIAL
WILL BE USED OR POSSESSED:

3A. JRT-CALIBRATION SERVICES,INC.
CALIBRATION FACILITY
581-B WEST HIGH ST.
POTTSTOWN,PA.19464

3B. JRT-CALIBRATION SERVICES,INC. c/o
"TEMPORARY JOB SITES AND CUSTOMER FACILITIES"

IN NON-AGREEMENT STATES

NOTE: INFORMATION IN SUBSEQUENT ATTACHMENTS ARE SUB-DIVIDED FOR CROSS
REFERENCE TO THIS ATTACHMENT (i.e. All items noted as 3A., and 3B. apply to the applicable address
given in this attachment).

SUMMARY OF ITEM 4:
NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

HAROLD W. HARBISON

TELEPHONE NUMBER: 610-327-9610

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**SUMMARY OF ITEM # 7:
INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY
PROGRAM AND THEIR TRAINING EXPERIENCE:**

ITEM 3A, 3B, : JRT-CALIBRATION SERVICES,INC.
 581-B WEST HIGH ST.
 POTTSTOWN,PA.19464

<u>FULL NAME</u>	<u>TITLE</u>
Harold W. Harbison	President and SR. Radiation Safety Officer
Daniel S. Strachko III	Radiation Safety Officer

**SUMMARY OF ITEM # 8:
TRAINING OF INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS AS PER
10 CFR 19.12.**

ITEM 3A: JRT-CALIBRATION SERVICES, INC.
 581-B WEST HIGH ST.
 POTTSTOWN, PA.19464

*****CALIBRATION FACILITY*****

<u>FULL NAME</u>	<u>TITLE</u>
Harold W. Harbison	President and Sr. Radiation Safety Officer
Reference: TRIANING HISTORY and EXPERIENCE DOCUMENTS	
Daniel S. Strachko III:	Radiation Safety Officer
Reference: TRAINING HISTORY and EXPERIENCE DOCUMENTS	

NOTE:ANY other individual(s) at this use address / OR USAGE will work only

UNDER THE DIRECT SUPERVISION OF the RADIATION SAFETY OFFICER(s)

SUMMARY OF ITEM # 9: FACILITY AND EQUIPMENT FACILITIES:

USE ADDRESS 3A

:581-B WEST HIGH ST. POTTSTOWN, PA. 19464

GENERAL DESCRIPTION: This property is located on the ground floor. It has been acquired for the specific purpose and use for JRT-CALIBRATION SERVICES, INC. The calibration room is being custom built so that none of the walls of the calibration room are an exterior wall. JRT will supply a diagram of the room, and of the portion of the building JRT will be occupying. The calibration room inside the building that our JLS 137-Cs calibrator will be relocated shall have the same type or better shielding, security, and surveillance for all the sources used and owned by JRT. The new location which is a one floor complex that has a foundation of approximately two and ½ feet thick solid concrete floor foundation with 14 ft high ceilings. The room slated for calibration use with the JLS calibrator shall have walls thick enough to match or exceed the current protection as the original room at 1200 E High St in Pottstown.

See the building Diagram page # 12 ; (JRT Calibration Facility)

A. CALIBRATION ROOM

This room at this address is mainly to be used for the calibration of Radiation Survey Instruments for JRT-CAL.SVS. and it's clients using the 137-Cs Gamma Survey Instrument Calibrator and other smaller sources. The CALIBRATION Room shall also be used for storage of isotope standards that are stored and/or other use in the event of an emergency. Environmental air samplers are also calibrated in this room.

B. ELECTRONIC CHECKOUT & REPAIR ROOM

This room at this address will be split in half. One side shall be mainly used for Environmental Air Sampler repair and calibrations. On the other side of that room Electronic Checkout and Repair of Electronic calibrations shall be performed, along with Alpha and Beta calibrations. Exempt sources will be used in that room. Also, this room will be used for Leak Testing of smears/samples, and electronic instrumentation calibration/repair service.

C. DOSE CALIBRATOR & THYROID UPTAKE REPAIR ROOM

This room at this address will be mainly used for servicing and calibrating Dose Calibrators and thyroid uptake systems. The sources used in this room will be Sealed Rod & Sealed Vial Sources.

D.EQUIPMENT STORAGE ROOM:

This room at this address will be used for any extra equipment, refurbished, and equipment that will be used for special applications. This room will not have any radioactive materials used or stored with any of the equipment inside the room.

SUMMARY OF ITEM # 9: FACILITY AND EQUIPMENT FACILITIES: (con't)

USE ADDRESS 3A

:581-B WEST HIGH ST. POTTSTOWN,PA. 19464

E. NEW PRODUCT LINE ROOM:

This room is the primarily for our new product line of radiation monitoring systems and will only have exempt quantities of sources used for testing the product.

F. The remaining rooms will be primarily used for administrative activities. No radioactive material will be permitted other than during contained transport to or from counting rooms. These areas may also be used for the following related services:

Procedure Development

Radiation Related Training

Simulated Field Surveys and / or Instrument Calibrations at client's facilities

Leak Testing Services

SUMMARY OF ITEM # 9 (con't)

DETAILED FACILITIES AND EQUIPMENT DESCRIPTION (ref.Diagram # 1)

9.1 Restricted areas within calibration laboratory areas:

a. At JRT-CAL.SVS.; CALIBRATION ROOM.

b. At TEMPORARY JOB SITES; to be determined by JRT license, and procedures.

9.2 The location of any beam calibrators and calibration range facilities, and description of the range facility:

a. At JRT-CAL.SVS.; CALIBRATION ROOM (Open beam 8.30 Curie Cs-137 calibrator).

b. At TEMPORARY JOB SITES; (to be determined by JRT license, and procedures).

9.3 Means of minimizing scatter:

a. At JRT-CAL.SVS.; CALIBRATION ROOM has been modified with 8 inch solid block, and has lead-lined door assemblies to comply with PART 20 Subpart D(20.1301).

1) Have 20 degrees of collimation in the JLS Calibrator.

2) Have at least 12 feet of air between the source and the closest primary barrier.

b. At TEMPORARY JOB SITES

9.4 The location of any self-contained calibration facilities:

a. At JRT-CAL.SVS.; CALIBRATION ROOM

b. At TEMPORARY JOB SITES; NONE.

SUMMARY OF ITEM # 9 (con't)

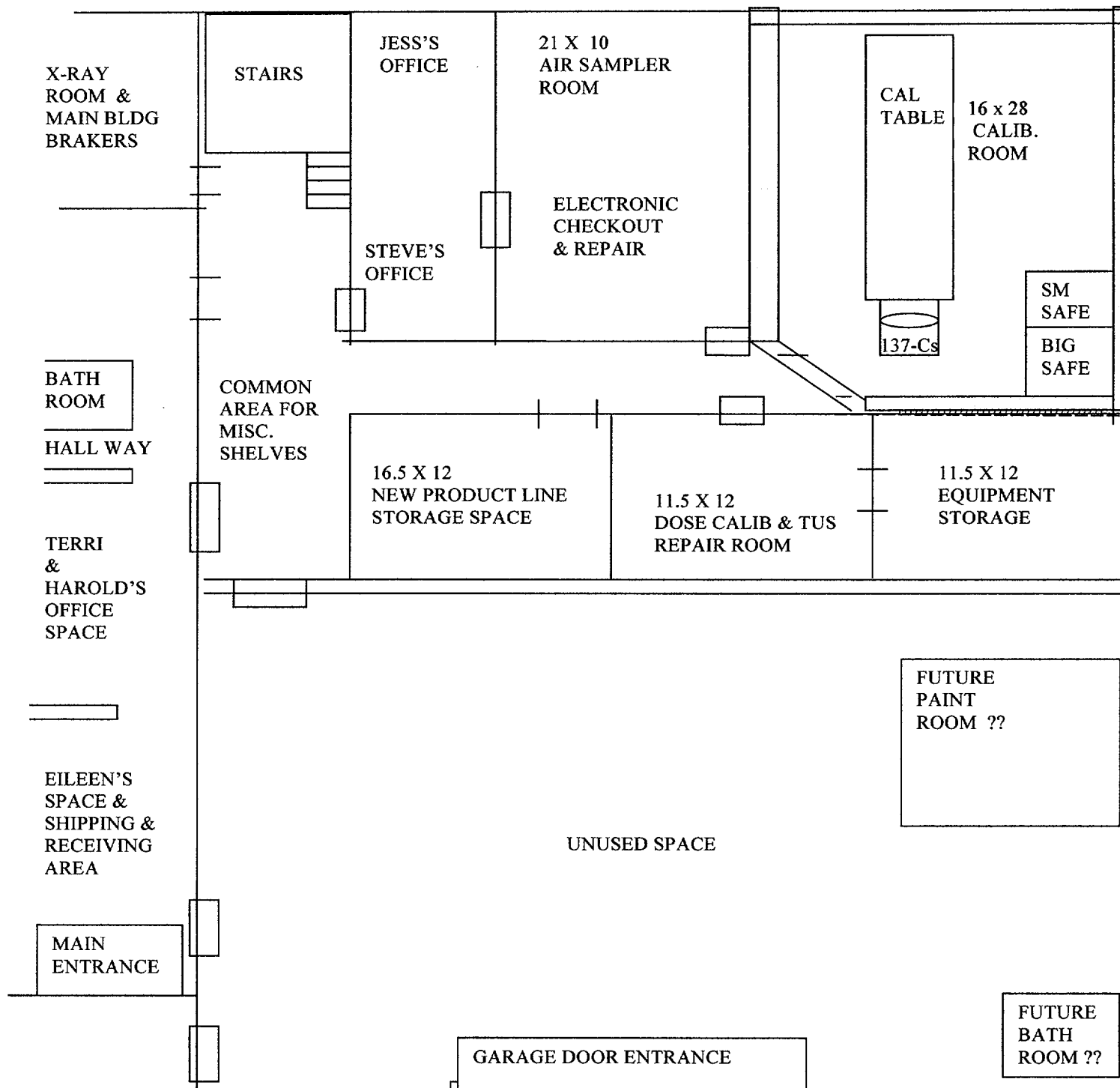
DETAILED FACILITIES AND EQUIPMENT DESCRIPTION (ref.Diagram # 1)

- 9.5 Source storage facilities:
- a. At JRT-CAL.SVS.; CALIBRATION ROOM
 - b. At TEMPORARY JOB SITES
- 9.6 Source handling equipment: Lead pigs, tongs, and tweezers, will be used at ALL Auxiliary shielding and description of use:
- a. At JRT-CAL.SVS.; (NONE).
 - b. At TEMPORARY JOB SITES; (to be determined by qualified user. At this time, it is not anticipated that any shielding other than the shielded carrying containers will be needed).
- 9.7 Means of preventing entry into high radiation areas:
- a. At JRT-CAL.SVS.; CALIBRATION ROOM: equipped with locked door, "SOURCE IN USE" Flashing Beacons, Intrusion motion audible alarms, during **ACTUAL SOURCE** calibration usage, and have "**CAUTION RADIATION AREA**" signs on door during calibration.
 - b. At TEMPORARY JOB SITES; (will be based on JRT license, and procedures).
- 9.8 Means of preventing unauthorized use or removal of licensed material:
- a. At JRT-CAL.SVS.; CALIBRATION ROOM has strict key control for doors of restricted area.
 - b. At TEMPORARY JOB SITES; (will be based on JRT license, and procedures).
- JRT-Calibration Svs. personnel shall wear individual monitoring devices for external dose. JRT personnel will not receive 10% of any regulatory limits based on pass operation practices. JRT workers shall wear the apparatus when frequenting the radiation areas.

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**FLOOR PLAN – LAYOUT @ 581-B HIGH ST. POTTSTOWN
LOCATION
for
JRT-CALIBRATION SERVICES INC.**

LEDGEND:  = SOLID CONCRETE FILLED WALLS  = ORIGINAL CINDER BLOCK WALLS

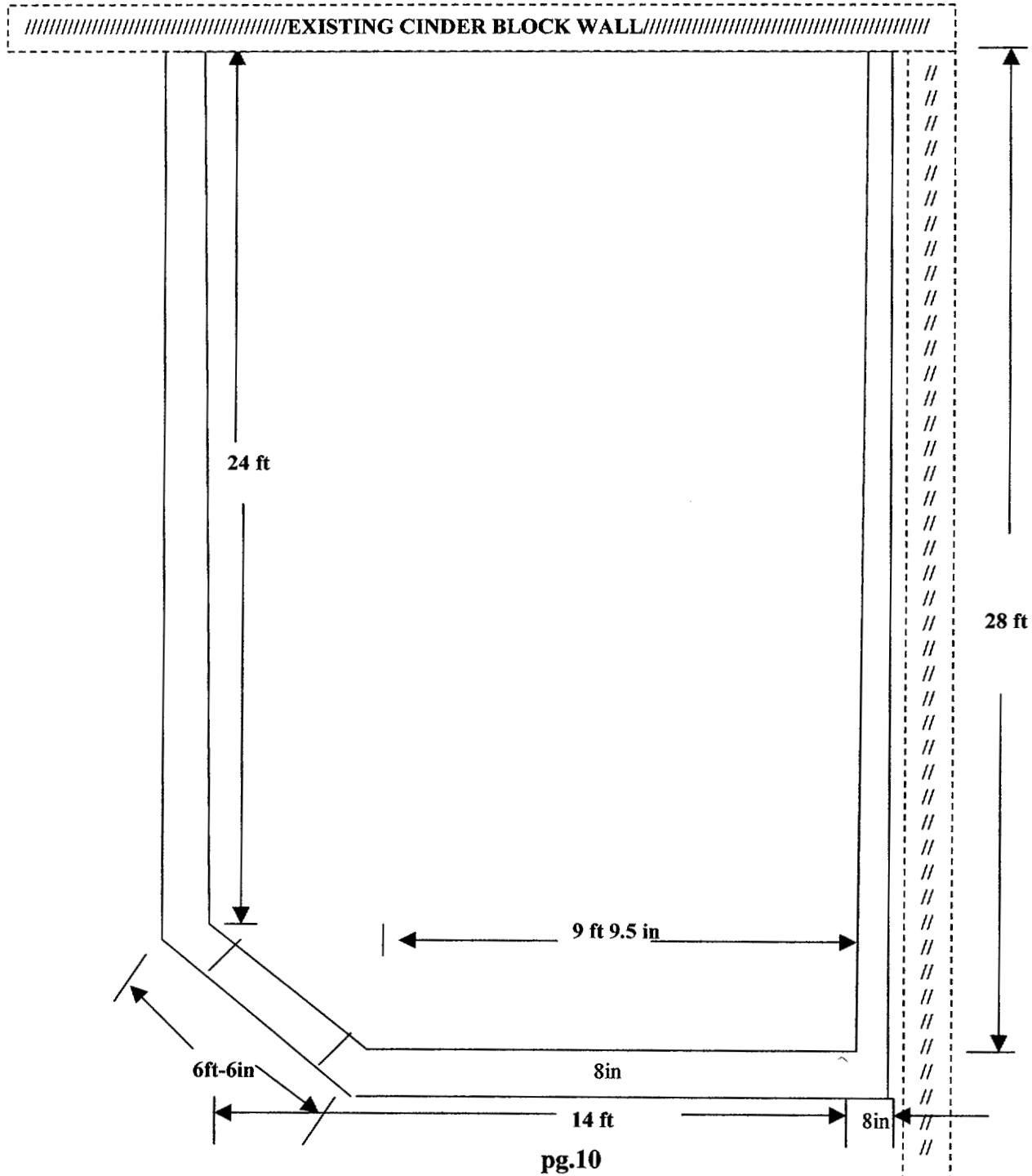


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EXPLODED VIEW 581-B WEST HIGH ST. CALIBRATION ROOM FACILITY

Walls will be 7ft high. Existing floor foundation @ 2.5ft thick. The interior shield walls will be 8 inches each cinder block brick will be filled with concrete to make each one solid. The doorway @ 6 inch brick with frame filled with concrete.



**TRAINING HISTORY
and
EXPERIENCE**

TRAINING AND EXPERIENCE(con't)

DANIEL S. STRACHKO III

TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB (YES OR NO)	FORMAL TRAINING

Principles and practices of radiation protection	JRT-CAL SVS RSCS	5 years 40 hrs.	YES YES	YES YES
Radioactivity measurements standardizations and monitoring techniques	JRT-CAL SVS. RSCS	5 years 40 hrs.	YES YES	YES YES
Mathematics and calculations basic to the use and measurement of radioactivity	JRT-CAL SVS RSCS	5years 40hrs.	NO YES	YES YES
Biological effects of radiation	JRT-CAL SVS RSCS	5years 40hrs	NO YES	YES YES

TRAINING AND EXPERIENCE(con't)

DANIEL S. STRACHKO III

EXPERIENCE:

Isotopes Handled *****	Maximum Quantities Handled *****	Where the Experience Was gained *****	Duration of Experience *****	Type of Use *****
C-14	10 uCi	JRT-CAL SVS	5 years	Instr. Calibration
Si-32	0.05 uCi	JRT-CAL SVS	5 years	Instr. Calibration
Cl-36	1.0 uCi	JRT-CAL SVS	5 years	Instr. Calibration
Fe-59	1.0 uCi	JRT CAL SVS	5 years	Instr. Calibration
Co-57	5.0 mCi	JRT-CAL SVS	5 years	Instr. Calibration
	10 uCi	JRT-CAL.SVS.	5 years	Instr. Calibration
Co-60	10 mCi	JRT-CAL SVS.	5 years	Instr. Calibration
Kr-85	5.0 uCi	JRT-CAL SVS.	5 years	Instr. Calibration
SrY-90	5.0 uCi	JRT-CAL. SVS	5 years	Instr. Calibration
Tc-99	2.0 uCi	JRT-CAL SVS	5 years	Instr. Calibration
I-129	1.0 uCi	JRT-CAL. SVS	5 years	Instr. Calibration
Ba-133	1.0 uCi	JRT-CAL. SVS	5 years	Instr. Calibration
	200 uCi	JRT-CAL.SVS.	5 years	Instr. Calibration
Cs-137	8.5 Ci	JRT-CAL SVS	5 years	Instr. Calibration
	300 uCi	JRT-CAL. SVS	5 years	Instr. Calibration
Tl-201	2.0 uCi	JRT-CAL. SVS	5 years	Instr. Calibration
Ra-226	10 mCi	JRT-CAL. SVS	5 years	Instr. Calibration
Pu-239	2.0 uCi	JRT-CAL. SVS	5 years	Instr. Calibration
Am-241	10.0 uCi	JRT-CAL.SVS.	5 years	Instr. Calibration
Ra-Be	10 mCi	JRT-CAL SVS	5 years	Instr. Calibration
				Density Meas. neutron

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

7/12/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 37-30298-01 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

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 139124.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.