

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

Br. 3

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

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:

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:

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

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

03034851

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.

RECEIVED REGION I 2008 OCT 24 PM 12:34

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

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER _____
- C. RENEWAL OF LICENSE NUMBER 29-30482-01

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

Ava Shypula Testing & Inspection
24 Commerce Street
Springfield, NJ 07081

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

24 Commerce Street
Springfield, NJ 07081

Temporary Job Sites

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Michael Pasquale
TELEPHONE NUMBER
973-467-4645

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.

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

SIGNATURE

DATE

Ava Shypula

10-10-08

FOR NRC USE ONLY

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

APPROVED BY

DATE

142946

Appendix M

Review Checklist for Portable Gauge Application

ITEM 1: ACTION TYPE

<u>ACTION TYPE:</u> <input type="checkbox"/> New <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Renewal	<u>ADMINISTRATIVE REVIEW:</u> <input checked="" type="checkbox"/> Current Guidance Used <input type="checkbox"/> References in Application Based On Current Regulations
--	---

ITEM 2: LEGAL IDENTITY

NAME:	Ava Shypula Testing & Inspection
-------	----------------------------------

ITEMS 2 AND 3: ADDRESS

STORAGE & LOCATION OF USE 24 Commerce Street Springfield, NJ 07081	MAILING ADDRESS 24 Commerce Street Springfield, NJ 07081
Temporary Job Sites <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

ITEM 4: PERSON TO BE CONTACTED ABOUT THIS APPLICATION

CONTACT PERSON:	Michael Pasquale
TELEPHONE:	973-467-4645

APPENDIX M

ITEMS 5 AND 6: MATERIALS TO BE POSSESSED AND USES

Yes	No	Radioisotope	Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
X		Cesium-137	Sealed source manufacturer or distributor and model number: <u>Troxler</u> Device manufacturer or distributor and model number: <u>3430</u> <u>3440</u>	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration (SSDR) Certificate	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <u>Soils</u> <u>Asphalt</u> <u>Compaction</u> <u>Density</u>	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are:
X		Americium-241	Sealed source manufacturer or distributor and model number: <u>Troxler</u> Device manufacturer or distributor and model number: <u>3430</u> <u>3440</u>	Not to exceed either the maximum activity per source or maximum activity per device as specified in SSDR Certificate	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <u>Soils</u> <u>Asphalt</u> <u>Compaction</u> <u>Density</u>	<input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are:
	X	Californium-252	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in SSDR Certificate	Yes <input type="checkbox"/> Specific description of the gauge use: 	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are:

Yes	No	Radioisotope	Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
		Other Isotope (Specify):	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in SSDR Certificate	Yes <input type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: _____ _____
<i>Financial Assurance Required and Evidence of Financial Assurance Provided</i>						

APPENDIX M

ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE MANAGEMENT

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
<p>ITEM 7 INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER</p> <p>NAME <u>Michael Pasquale</u></p>	<p>Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p> <p style="text-align: center;"><i>Optional Response</i></p> <p>Criteria for Acceptable Training Courses for Radiation Safety Officer/Portable Gauge Users</p> <p>Course Content</p> <ul style="list-style-type: none"> • 1.5 to 2 hours of radiation safety and regulatory requirements; • 1.5 to 2 hours practical explanation of gauge theory and operation (including test runs). <p>Course Examination</p> <ul style="list-style-type: none"> • 25- to 50-question written (closed book) test – 70 percent grade. <p>Course Instructor Qualifications</p> <ul style="list-style-type: none"> • Bachelor's degree in a physical or life science or engineering with successful completion of both a portable gauge user course and 8-hour radiation safety course and 8 hours hands-on of experience with portable gauges. <p style="text-align: center;">OR</p>	X			

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
ITEM 7 (CONTINUED)	<ul style="list-style-type: none"> An individual with the following training: <ul style="list-style-type: none"> — Successful completion of portable gauge user course; — Successful completion of 40-hour radiation safety course; — 30 hours of hands-on experience with portable gauges. 				
ITEM 8 TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	<p>Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p> <p><i>Optional Response</i> Review optional response against criteria listed under Item 7.</p>	X			
ITEM 9 FACILITIES AND EQUIPMENT	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."	Separate Item 9 Response Need Not Be Submitted With Application			
ITEM 10 RADIATION SAFETY PROGRAM – AUDIT PROGRAM	The applicant is <i>not</i> required to, and should not, submit its audit program to NRC for review during the licensing phase.	Need Not Be Submitted With Application			
ITEM 10 RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES	The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires or at the time the licensee ceases operations, NRC Form 314 must be submitted.	Need Not Be Submitted With An Individual With the Following Training			
ITEM 10 RADIATION SAFETY PROGRAM – INSTRUMENTS	<p>We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001, in the event of an incident.</p> <p><i>Optional Response</i> A radiation survey meter should satisfy the following criteria:</p> <ul style="list-style-type: none"> • Be capable of detecting gamma radiation; • Be checked for functionality before use. 	X			

APPENDIX M

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
ITEM 10 RADIATION SAFETY PROGRAM – MATERIAL RECEIPT AND ACCOUNTABILITY	<p>Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.</p> <p><i>Optional Response</i> Frequency and procedures to ensure no gauge is lost, stolen or misplaced, and if possession exceeds threshold, comply with financial assurance requirements in 10 CFR 30.35.</p>	X			
ITEM 10 RADIATION SAFETY PROGRAM – OCCUPATIONAL DOSIMETRY	<p>Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20 or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.</p> <p><i>Optional Response</i> Alternative response demonstrates compliance with 10 CFR Part 20 requirements.</p>	X			
ITEM 10 RADIATION SAFETY PROGRAM – PUBLIC DOSE	The applicant is <i>not</i> required to submit a response to public dose section during the licensing phase. This matter will be examined during an inspection.	Need Not Be Submitted With Application			

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
ITEM 10 RADIATION SAFETY PROGRAM – OPERATING & EMERGENCY PROCEDURES	<p>We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001 and provide copies of these procedures to all gauge users and at each job site.</p> <p style="text-align: center;">OR</p> <p>Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p> <p style="text-align: center;"><i>Optional Response</i></p> <ul style="list-style-type: none"> • Instructions to use gauge and perform routine maintenance per manufacturer's recommendations and instructions; • Instructions to maintain security during storage and transportation; • Instructions to keep the gauge under control and immediate surveillance during use; • Steps to take to keep radiation exposures ALARA; • Steps to maintain accountability during use; • Steps to control access to damaged gauge; • Steps to take, and whom to contact, when a gauge has been damaged; • If gauges are used for measurements greater than 3 feet beneath the surface: use of surface casing or other procedures to ensure free movement of source in hole; instructions, procedures to retrieve a stuck source; NRC reporting requirements; • Copies provided to personnel and available at each job site. 	X			

APPENDIX M

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
ITEM 10 RADIATION SAFETY PROGRAM – LEAK TEST	<p>Leak tests will be performed at intervals approved by NRC or an Agreements State and will be specified in the SDDR Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreements State to provide leak test kits to other licensees and according to the kit supplier's instructions.</p> <p><i>Optional Response</i> Provide the information in Appendix J supporting a request to perform leak testing and sample analysis:</p> <ul style="list-style-type: none"> • Individual who will make the analysis; qualifications to make quantitative measurements; • Leak test frequency as specified in the appropriate SDDR Sheet; • How and where test samples taken; materials to be used; methods of handling samples to prevent or minimize exposure to personnel; • Type of instrument(s) used, counting efficiency, and minimum levels of detection for each radionuclide. <p><i>Note: An instrument capable of making quantitative measurements should be used; hand-held survey meters will not normally be considered adequate for measurements.</i></p> <ul style="list-style-type: none"> • Standard calibration sources including for each: the radionuclide, quantity, accuracy, and traceability to primary radiation standards; <p><i>Note: Accuracy of standards should be within ±5 percent of the stated value and traceable to a primary radiation standard such as those maintained by the National Institutes of Standards and Technology (NIST).</i></p> <ul style="list-style-type: none"> • Sample calculation to convert measurement data to becquerels (or microcuries); • Instructions on actions, notifications regarding leaking source. 	X			

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
ITEM 10 RADIATION SAFETY PROGRAM – MAINTENANCE	<p><i>Routine Cleaning and Lubrication</i></p> <p>We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.</p> <p><i>Optional Response</i></p> <ul style="list-style-type: none"> • Considers ALARA; • Ensures gauge functions as designed; • Ensures source integrity not compromised. <p><i>Non-Routine Maintenance</i></p> <p>We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.</p> <p><i>Optional Response</i></p> <p>Provide the information listed in Appendix G supporting a request to perform non-routine maintenance in-house.</p> <ul style="list-style-type: none"> • Types of work to be performed; • Who will perform maintenance, training, experience, why competent; • Handling procedures: doses to public, personnel ALARA and regulatory limits; security; posting; manufacturing instructions and recommendations; • Use of whole-body and extremity monitoring or evaluation to demonstrate that individuals are not likely to receive greater than 10 percent of allowable limits; • Possess survey instrument (detects gamma radiation; range 1-50 mrem/hr; annual calibration w/point source at 2 points/scale; readings within ± 20 percent; calibrated by NRC/Agreement State licensee; checked before use); • 10 CFR 20.1301 surveys (when and where instrument survey performed, records for 3 years). 	X			

APPENDIX M

ITEM NUMBER AND TITLE	SUGGESTED RESPONSE	APPLICANT'S RESPONSE			
		YES	NO	OTHER	
				YES	NO
ITEM 10 RADIATION SAFETY PROGRAM – TRANSPORTATION	The applicant is <i>not</i> required to submit a response to transportation section during the licensing process. However, this issue will be reviewed during inspection.	Need Not Be Submitted With Application			
ITEM 11 WASTE DISPOSAL – GAUGE DISPOSAL AND TRANSFER	The applicant is <i>not</i> required to submit a response to waste management section during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation safety program.	Need Not Be Submitted With Application			

APPLICATION FOR RADIOACTIVE MATERIALS LICENSE

License: 29-30482-01

Item 5

8 a - Cesium 137	Americium 241 Beryllium
8b - Troxler 3430 Serial #750-3662	Troxler 3430 Serial #47-25278
8c - Max. Activity - 8.0 millicuries	Max. Activity - 40.0 millicuries
8d - Troxler Model #3430, Serial # 29408, moisture density gauge	

8 a - Cesium 137	Americium 241 Beryllium
8b - Troxler 3440 Serial #75-3183	Troxler 3440 Serial #47-18022
8c - Max. Activity - 8.0 millicuries	Max. Activity - 40.0 millicuries
8d - Troxler Model #3440, Serial # 21639, moisture density gauge	

Item 6 - Laboratory/Field Testing, measuring moisture and density of construction materials.

Item 7 - RSO is Michael Pasquale (see attached training records), who is familiar with part 38, ASC operating and emergency procedures, the conditions of our license, and will ensure compliance with all requirements (see attached Appendix I).
Ted Fritsch is the inspector who will be operating the units.

Item 8 - ASC will ensure training and maintain records of such for all device users, in accordance with the provisions of New York State Department of Labor Radiation Guide 1.2.

Certificate of Completion

This Certifies that

MICHAEL J. PASQUALE

has successfully completed the

Troxler Radiation Safety Officer Course

conducted by the training program of

Troxler Electronic Laboratories, Inc

Greg Farnen
Greg Farnen

Instructor

3/4/99

Date

William F. Troxler

President

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

MICHAEL J. PASQUALE

of

AVA SHYPULA CONSULTING, INC.

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures.
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

CERTIFICATE #: 085524

GREG FARNEN

Greg Farnen
INSTRUCTOR

3/03/99

DATE

WILLIAM F. TROXLER

PRESIDENT

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

Ted Fritsch
of
Tectonic

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

Certificate # : 75130

Harvey Dunlevy
Harvey Dunlevy
INSTRUCTOR

10/29/96
DATE

William F. Troxler Jr.
PRESIDENT

APPENDIX I

Radiation Safety Officer

The Radiation Safety Officer (RSO) will have radiation protection training from the manufacturer of the device and will have read and have working knowledge of Industrial Code Rule 38 and the radioactive materials license. The duties of the RSO are as follows:

1. To administer the radiation safety program on a daily basis and ensure that all terms of the license and provisions of Code Rule 38 are implemented.
2. To ensure that leak tests of the devices and a physical inventory are performed at six month intervals. Records will include make, model, serial number, location, date and initials of the RSO.
3. To ensure that all operators receive training in the licensee's policies and procedures, and are certified by training from the manufacturer before using devices; and that annual refresher training is provided to all operators.
4. To maintain all records required by the licensing agency and have them readily available for inspection.
5. To ensure that all devices are properly secured against unauthorized removal or use.
6. To collect, return and distribute personnel badges on time, review dosimetry reports and assist license management in conducting an annual internal audit to evaluate handling procedures, compliance with requirements, and possible methods to reduce exposure. The results of each audit will be reviewed by licensee management and any steps necessary to correct deficiencies will be taken.
7. To serve as a point of contact and assist in emergencies involving the radioactive material device.
8. To take any action necessary to eliminate unsafe conditions and prevent unnecessary radiation exposure. This must include the authority to halt operations involving use of gauges, if it is judged to be necessary to protect health and safety.
9. To ensure that devices are serviced as necessary at a manufacturer's authorized location, and that receipt and return of sources/devices are properly documented.
10. To ensure that cleaning and maintenance of gauges is performed in accordance with the manufacturer's directions, and that daily shutter checks are done.
11. To ensure that gauges are used properly and are not abused, and that required labels are legible and in good condition.

The RSO will be provided with adequate time to discharge all radiation protection duties.

License: 29-30482-01

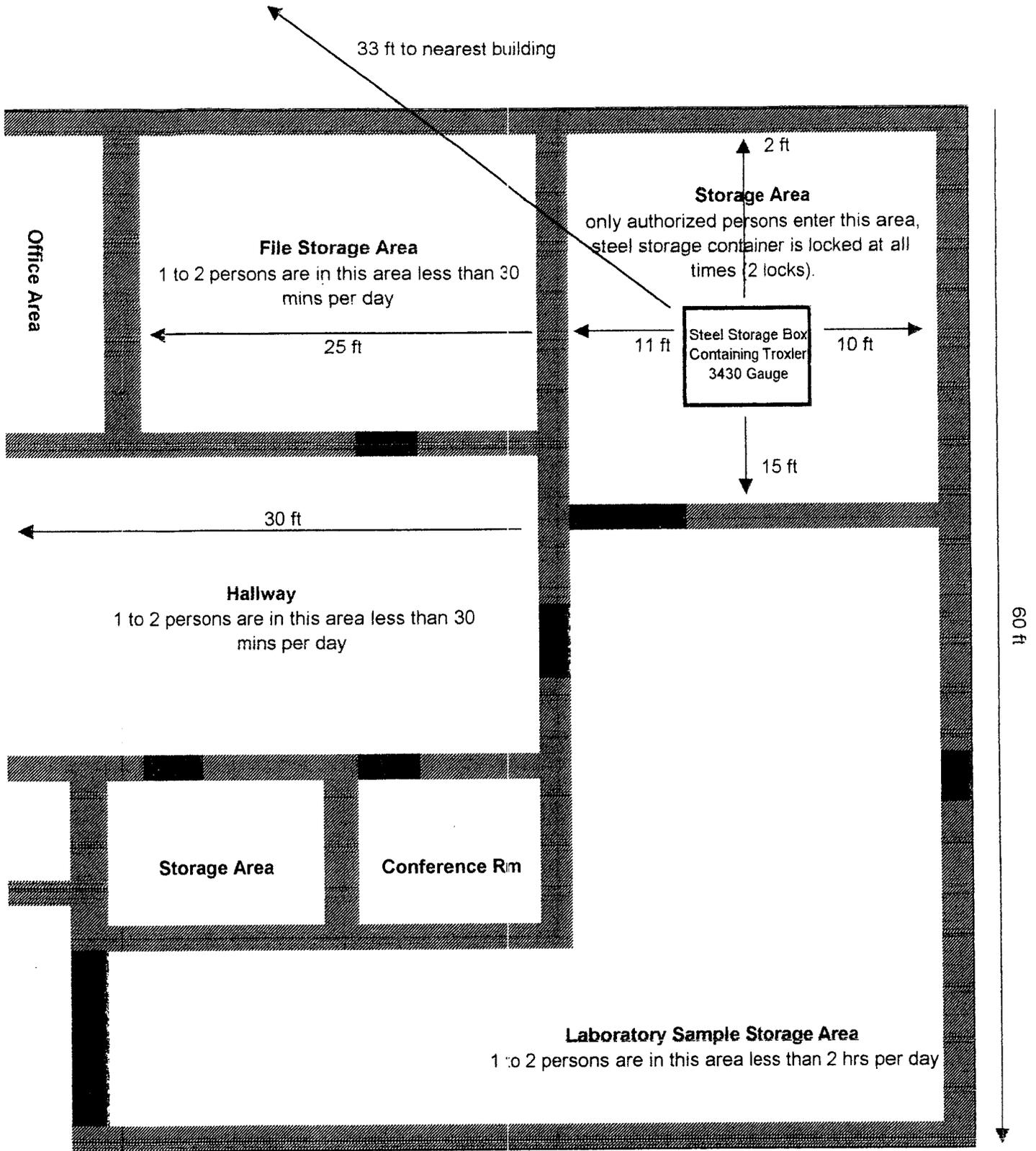
Item 9 -

- 9a - ASC's portable gauge will be stored at all times (except during use) in a locked steel chest at the company's laboratory facility in Springfield, NJ. Access to the chest/gauge is limited to the Laboratory Director, the RSO and such personnel properly trained and authorized. When removed from storage for use in the field, the gauge will be locked and secured in the transport vehicle until the device is in use and under constant supervision during use by the ASC personnel to whom the gauge has been assigned. At no time shall the gauge be left unattended unless it is secured in the transport vehicle or permanent storage.

- 9b - ASC's portable gauge will be stored at all times (except during use) in a locked steel chest at the company's laboratory facility in Springfield, NJ. Access to the chest/gauge is limited to the Laboratory Director, the RSO and such personnel properly trained and authorized. ASC fixed storage location is properly zoned (see diagram attached).

- 9c - Temporary vehicle storage of ASC's portable gauge will be for transportation purposes only. The gauge will be locked in the back of a pick-up truck with a permanent cap in the bed and locked to eye-hooks (installed for this purpose) to secure the device against shifting.

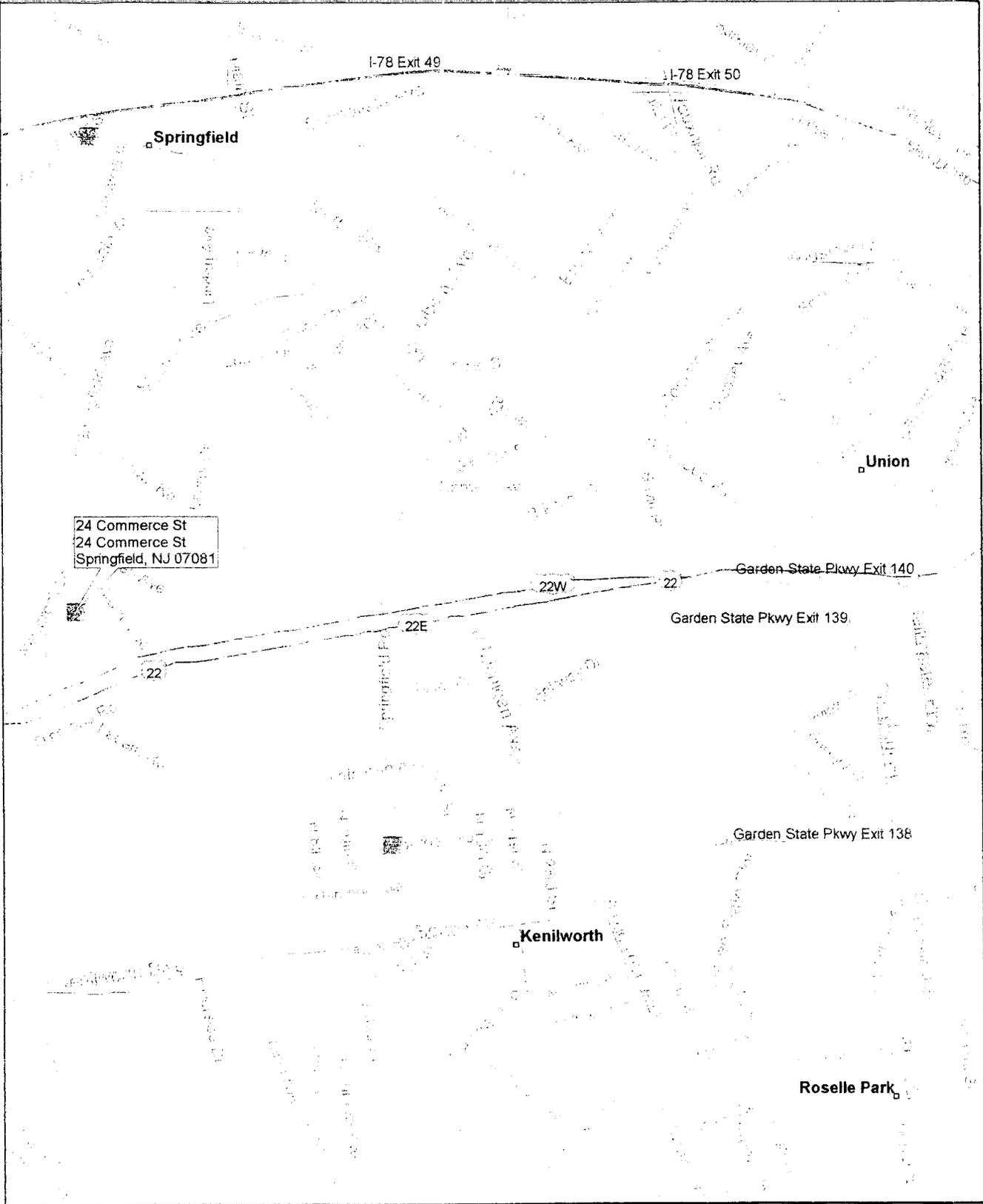
- 9d - All devices will be in locked storage or physically watched by an authorized user at all times.



 = wall
 = door

- All exit doors are locked, as well as door on steel storage box.
- The gauge is stored well beyond the 15 ft. minimum from any permanent work station.
- Any workers that may be permitted closer to the storage area do not occupy a permanent work station and the radiation level does not exceed 2 mrem/h.
- Entire building is in control of ASC and is 1 floor only.

Ava Shypula Testing & Inspection

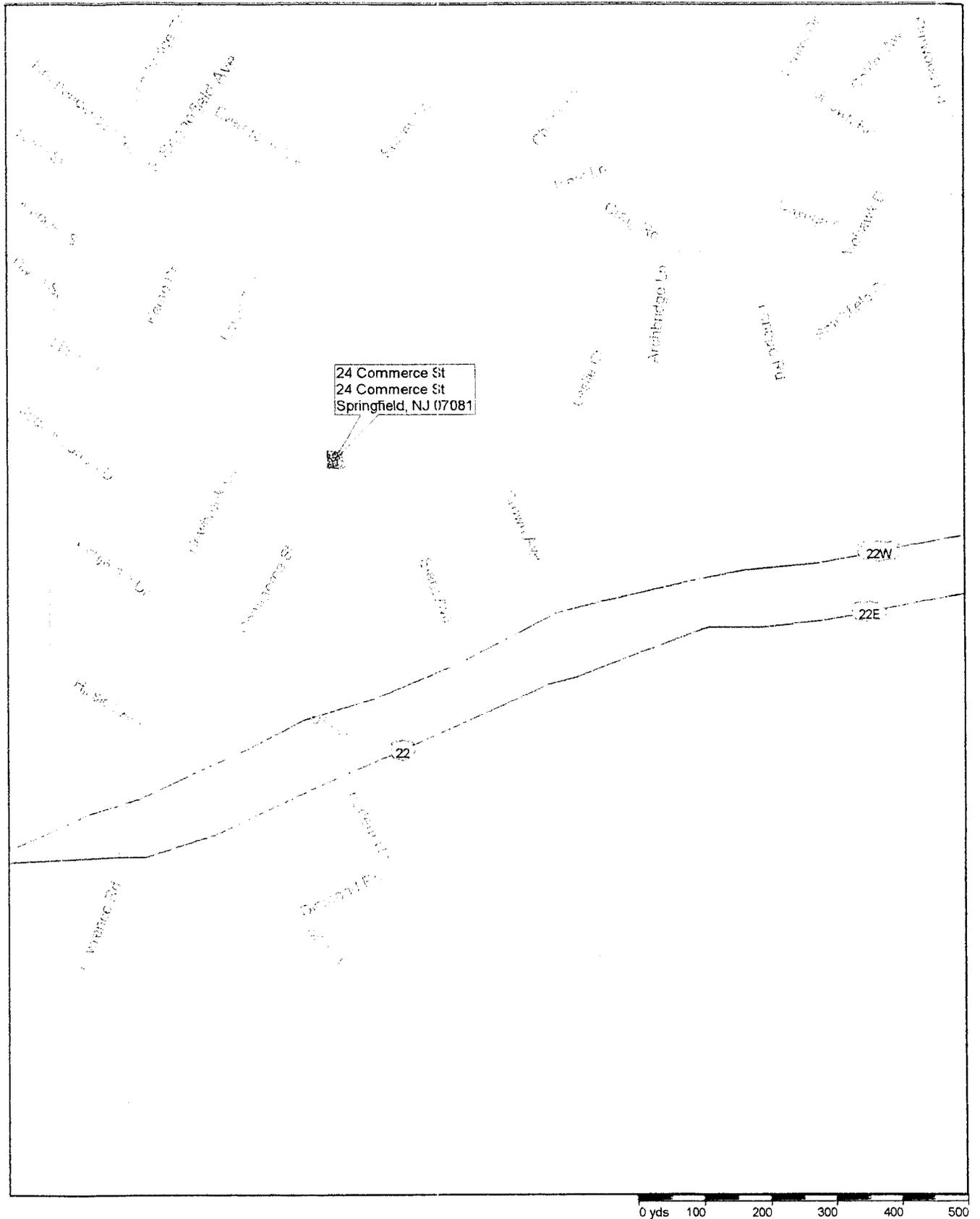


24 Commerce St
24 Commerce St
Springfield, NJ 07081

0 mi 0.2 0.4 0.6 0.8 1 1.2

Microsoft Streets
Streets98

Ava Shypula Testing & Inspection



Microsoft
Streets98

License: 29-30482-01

Item 10 -

10a - ASC will perform periodic leak tests on the portable gauge at a minimum of six-month intervals (May/November). The tests will be performed by the company's RSO, (Michael Pasquale), using a Troxler* Model 3880 Leak Test Kit and employing the services of Troxler* for evaluation of the tests. Records of all leak tests will be kept on file by ASC.

*Troxler Electronic Laboratories Inc. 3008
Cornwallis Road, PO Box 12057 Research Triangle
Park, NC 27709

10b - The portable density gauge will be routinely checked and cleaned by qualified ASC personnel in accordance with manufacturer's recommendations for maintenance. The source and/or source rod shall not be removed from the gauge at any time. Note: ASC will not perform any maintenance on the portable gauge which will involve the removal of the source or source rod. All maintenance requiring such removal will be referred to the manufacturer.

ASC will perform a daily shutter check on the portable density gauge before and after use in the field as described in the NYS DOL application guide and note its condition (open or closed) on the utilization log. If the sliding block (shutter) is found to be open (partially or fully), appropriate maintenance (lubrication, etc.) shall be performed immediately and the NYS Department of Labor notified (within 24 hours).

10c - All packaging and transportation of the portable gauge will be performed in accordance with NYS DOT regulations.

10d - All ASC personnel using, transporting or performing cleaning and/or maintenance on the portable density gauge will be provided with copies of the operating and emergency procedures (copy submitted) for the gauge prior to being allowed access to the gauge.

10e - An annual audit will be performed during the month of January/February. The audit will be conducted by the Laboratory Director of ASC accompanied by the RSO of ASC and will cover all sections contained in the attached sample form.

Item 11 - Troxler Electronic Laboratories Inc.
3008 Cornwallis Road,
PO Box 12057 Research Triangle Park
NC 27709 (see attached documentation)

APPENDIX II

Section 1

OPERATING PROCEDURES

1. All operators shall have completed the manufacturer's training and received training in the licensee's policies and procedures, and must wear an assigned personnel dosimetry badge before transporting or using the device. Badges must not be shared and only the person to whom a badge was assigned may wear it.
2. Obtain keys to storage and remove the device. Make sure that the source is in the safe (shielded) position by performing the daily shutter (sliding block) check, and locking the source rod in the shielded position.
3. Make complete entry to utilization log, including the results of the shutter check.*
4. Lock device in its carrying case and lock in transport vehicle.
5. Never leave device unattended at job site unless it is secured in locked storage to which only authorized users have a key.
6. Clear area of all unnecessary persons before use of device.
7. Work safely with device following manufacturer's operating procedures and utilizing the radiation safety principles of time, distance and shielding. Do not expose yourself or others to the unshielded source. Stand back from device when possible.
8. When job is finished, make sure the source holder is locked in the "off" or closed position and lock device in carrying case. Place carrying case in locked storage (such as trunk of car), to which only authorized users have a key.
9. Return device to permanent storage place and lock it up after checking to make sure that the shutter (sliding block) is fully closed.*
10. Complete utilization log with time in and signature.
11. Store dosimetry badges in radiation free (low background) area.
12. Report any device malfunctions, unusual occurrences, or difficulties in using a device to the Radiation Safety Officer.

*NOTE: This only applies to devices with a retractable source rod.

APPENDIX II

Section 2

TRANSPORTATION PROCEDURES

1. Before removing the device from storage, a daily utilization log entry will be made and the operator will obtain the following and keep them available:
 - a. Copy of the license;
 - b. Manufacturer's instruction manual and the company's operating and emergency procedures;
 - c. Copy of the latest results of test for leakage and/or contamination for the device used; and
 - d. Shipping papers.
2. The device will be transported in its' carrying case, locked in the truck of a passenger vehicle, braced and blocked to prevent movement during transportation. If transported in an open bed vehicle, the device will be locked in a steel cabinet, bolted to the bed of the truck. The transportation vehicle will be secured at all times when not under the direct supervision of a qualified person.

APPENDIX II

Section 3

EMERGENCY PROCEDURES

1. In the event of an accident or incident involving the device, the following will be performed:
 - Immediately cordon off an area around the device or the area of the incident, of at least a 15 foot radius;
 - If a vehicle is involved, it must be stopped until the extent of the damage is established;
 - Visual inspection of the device should be made from a distance to determine the degree of damage and any visible cracking or deforming of surfaces; and
 - At the earliest possible time, when the situation is under control, you must contact the Radiation Safety Officer (RSO). Describe the conditions and follow instructions. You or the RSO must also contact local authorities and the Department as soon as possible. After working hours, the New York State Warning Point should be contacted.
 - **Do not touch or handle the source or source rod, even if it has broken off or become detached from the device.** Wait for emergency assistance from the consultant that has agreed to assist you, or the approval of the Department, before any efforts are made to retrieve a source or source rod.

APPENDIX II

Section 4

PORTABLE GAUGE SECURITY

Examples of two independent physical controls to secure a portable gauge when stored at a licensed facility are—

1. The portable gauge or transportation case containing the portable gauge is stored inside a locked storage shed within a secured outdoor area, such as a fenced parking area with a locked gate;
2. The portable gauge or transportation case containing the portable gauge is stored in a room with a locked door within a secured building for which the licensee controls access by lock and key or by a security guard;
3. The portable gauge or transportation case containing the portable gauge is stored inside a locked, non-portable cabinet inside a room with a locked door if building is not secured;
4. The portable gauge or transportation case containing the portable gauge is stored in a separate secured area inside a secured mini-warehouse or storage facility;
5. The portable gauge or transportation case containing the portable gauge is physically secured to the inside structure of a secured mini-warehouse or storage.

Examples of two independent physical controls to secure portable gauges in while in transport are—

1. The locked transportation case containing the portable gauge is physically secured to a vehicle with brackets, and a chain or steel cable (attached to the vehicle) is wrapped around the transportation case such that the case can not be opened unless the chain or cable is removed. In this example, the transportation case would count as one control since the brackets would prevent easy removal of the case. The chain or cable looped only through the transportation case handle is not acceptable;
2. The portable gauge or transportation case containing the portable gauge is stored in a box physically attached to a vehicle, and the box is secured with (1) two independent locks, or (2) two separate chains or steel cables attached independently to the vehicle in such a manner that the box cannot be opened without the removal of the chains or cables, or (3) one lock and one chain or steel cable is attached to the vehicle in such a manner that the box cannot be opened without the removal of the chain or cable; and
3. The portable gauge or transportation case containing the portable gauge is stored in a locked trunk, camper shell, van, or other similar enclosure and is physically secured to the vehicle by a chain or steel cable in such a manner that one would not be able to open the case or remove the portable gauge without removal of the chain or cable. In this example, the transportation case would not count as one control because it is portable and could be easily removed.

APPENDIX III

ANNUAL AUDIT FORM FOR PORTABLE GAUGE LICENSEES

COMPANY NAME:
AUDITOR'S NAME:
RSO's NAME:

LICENSE #:
DATE OF AUDIT:

1. a. License information current and correct? yes no NA
(e.g., location of storage, RSO, material possessed, contact person and other staff, procedures, personnel monitoring, facilities, etc., conform to license and to all incorporated documents of the license.)
- b. Deviations noted under (a) corrected? yes no NA
Needed amendment requests submitted? yes no NA
COMMENTS: (summary of material reviewed and corrections needed)

2. Records Review: Records of the following were reviewed and evaluated:

- (a) Workers trained before first use of sources yes no NA
- (b) Annual refresher training given yes no NA
Date: _____
- (c) Leak tests performed at six month intervals yes no NA
- (d) Inventories performed at six month intervals yes no NA
- (e) Use log consistently completed and contains all required information yes no NA
- (f) Records of receipt and transfer of radioactive sources complete and maintained on file yes no NA
- (g) Vendor's assurance to accept sources back received with each source yes no NA
COMMENTS:

APPENDIX IV

U.S. DOT TRAINING REQUIREMENTS

- **Extracted from DOT Hazardous Materials Regulation contained in Title 49, Code of Federal Regulation**

Please visit the website for updated copy <http://hazmat.dot.gov/training.htm>

- **PART 177--CARRIAGE BY PUBLIC HIGHWAY Subpart A--General Information and Regulations**

Extracted from the Office of Hazardous Material Safety web site. For updates please check web site <http://www.mvregs.com/dotrspa/>

Extracted from DOT Hazardous Materials Regulation contained in Title 49. Code of Federal Regulation

Please visit the website for updated copy <http://hazmat.dot.gov/training.htm>

H. TRAINING REQUIREMENTS (SUBPART H)

§172.700-172.704 contain the requirement for training of "hazmat employees" involved in transportation of hazardous materials. Each "hazmat employer" must ensure that each hazmat employee receives the required training and testing in the following subjects:

- General awareness/familiarization with 49 CFR hazmat transportation requirements
- Function-specific training; and
- Safety training.

Initial training is required within 90 days of employment on a specific job. The hazmat employee must have **recurrent training** every three years or within 90 days after assignment to a new job for which training has not already been provided.

(1) General Awareness/Familiarization Training

This requirement is directed toward the hazmat employee being able to recognize and identify hazardous materials in a manner consistent with the hazard communication standards of 49 CFR 172. Training in this area should include a basic orientation on DOT shipping papers, package marking, package labeling, emergency response information and vehicle placarding requirements. Testing should focus on awareness, recognition and identification.

(2) Function-Specific Training

The term "function-specific" is intended to focus the training on those hazardous material activities (functions) which actually involve the hazmat employee. If the employee does not perform certain hazmat activities, then neither training nor testing in those activities is required.

Note: A reference on the application of the Subpart H training requirements is the DOT pamphlet entitled "TRAINING-Its The Law" which is updated periodically. A reference document on training requirements as they apply to nuclear power plant hazmat employees involved with radioactive material transportation is EPRI-TR- 102662 "Guidance on New DOT Training Requirements for Hazardous Materials Employees . There are a series of Hazardous Materials Training Classes, developed by the RSPA Office of Hazardous Materials Initiatives and Training, that are excellent resources for training.

(3) Safety Training

Personal Safety
Emergency Response
Accident Avoidance

(4) Testing and Record keeping

Each hazmat employee must be trained and tested to determine the effectiveness of the training received. The hazmat employer must certify that each hazmat employee has been properly trained, and the hazmat employer must maintain the records thereof.

PART 177--CARRIAGE BY PUBLIC HIGHWAY

Subpart A--General Information and Regulations

§177.800 Purpose and scope of this part and responsibility for compliance and training

(a) *Purpose and scope.* This part prescribes requirements, in addition to those contained in parts 171, 172, 173, 178 and 180 of this subchapter, that are applicable to the acceptance and transportation of hazardous materials by private, common, or contract carriers by motor vehicle.

(b) *Responsibility for compliance.* Unless this subchapter specifically provides that another person shall perform a particular duty, each carrier, including a connecting carrier, shall perform the duties specified and comply with all applicable requirements in this part and shall ensure its hazmat employees receive training in relation thereto.

(c) *Responsibility for training.* A carrier may not transport a hazardous material by motor vehicle unless each of its hazmat employees involved in that transportation is trained as required by this part and subpart H of part 172 of this subchapter.

(d) *No unnecessary delay in movement of shipments.* All shipments of hazardous materials must be transported without unnecessary delay, from and including the time of commencement of the loading of the hazardous material until its final unloading at destination.

[Amdt. 177-79, 57 FR 20954, May 15, 1992, as amended by Amdt. 177-86, 61 FR 18933, Apr. 29, 1996]

§177.801 Unacceptable hazardous materials shipments

No person may accept for transportation or transport by motor vehicle a forbidden material or hazardous material that is not prepared in accordance with the requirements of this subchapter.

[Amdt. 177-87, 61 FR 27175, May 30, 1996]

§177.802 Inspection.

Records, equipment, packagings and containers under the control of a motor carrier, insofar as they affect safety in transportation of hazardous materials by motor vehicle, must be made available for examination and inspection by a duly authorized representative of the Department

Amdt. 177-71, 54 FR 25015, June 12, 1989]

§177.804 Compliance with Federal Motor Carrier Safety Regulations.

Motor carriers and other persons subject to this part must comply with 49 CFR part 383 and 49 CFR parts 390 through 397 (excluding § § 397.3 and 397.9) to the extent those regulations apply.

Amdt. 177-81, 58 FR 50505, Sept. 27, 1993; 68 23832, May 05, 2003]

§177.810 Vehicular tunnels.

Except as regards Class 7 (radioactive) materials, nothing contained in parts 170-189 of this subchapter shall be so construed as to nullify or supersede regulations established and published under authority of State statute or municipal ordinance regarding the kind, character, or quantity of any hazardous material permitted by such regulations to be transported through any urban vehicular tunnel used for mass transportation.

Amdt. 177-52, 46 FR 5316, Jan. 19, 1981, as amended by Amdt. 177-78, 55 FR 52710, Dec. 21, 1990; 62 FR 51554, October 01, 1997

§177.816 Driver training

(a) In addition to the training requirements of §177.800, no carrier may transport, or cause to be transported, a hazardous material unless each hazmat employee who will operate a motor vehicle has been trained in the applicable requirements of 49 CFR parts 390 through 397 and the procedures necessary for the safe operation of that motor vehicle. Driver training shall include the following subjects:

- 1) Pre-trip safety inspection
- 2) Use of vehicle controls and equipment, including operation of emergency equipment
- 3) Operation of vehicle, including turning, backing, braking, parking, handling, and vehicle characteristics including those that affect vehicle stability, such as effects of braking and curves, effects of speed on vehicle control, dangers associated with maneuvering through curves, dangers associated with weather or road conditions that a driver may experience (e.g., blizzards, mountainous terrain, high winds), and high center of gravity;
- 4) Procedures for maneuvering tunnels, bridges, and railroad crossings
- 5) Requirements pertaining to attendance of vehicles, parking, smoking, routing, and incident reporting; and
- 6) Loading and unloading of materials, including
 - I. Compatibility and segregation of cargo in a mixed load
 - II. Package handling methods; and
 - III. Load securement.

(b) *Specialized requirements for cargo tanks and portable tanks.* In addition to the training requirement of paragraph (a) of this section, each person who operates a cargo tank or a vehicle with a portable tank with a capacity of 1,000 gallons or more must receive training applicable to the requirements of this subchapter and have the appropriate State-issued commercial driver's license required by 49 CFR part 383. Specialized training shall include the following:

(1) Operation of emergency control features of the cargo tank or portable tank;

(2) Special vehicle handling characteristics, including: high center of gravity, fluid-load subject to surge, effects of fluid-load surge on braking, characteristic differences in stability among baffled, unbaffled, and multi-compartmented tanks; and effects of partial loads on vehicle stability;

(3) Loading and unloading procedures;

(4) The properties and hazards of the material transported; and

(5) Retest and inspection requirements for cargo tanks.

(c) The training required by paragraphs (a) and (b) of this section may be satisfied by compliance with the current requirements for a Commercial Driver's License (CDL) with a tank vehicle or hazardous materials endorsement.

(d) Training required by paragraph (b) of this section must conform to the requirements of § 172.704 of this subchapter with respect to frequency and recordkeeping.

[Amdt. 177-79, 57 FR 20954, May 15, 1992, as amended by Amdt. 177-79, 58 FR 5852, Jan. 22, 1993]

§177.817 Shipping papers

(a) *General requirements.* A person may not accept a hazardous material for transportation or transport a hazardous material by highway unless that person has received a shipping paper prepared in accordance with part 172 of this subchapter or the material is excepted from shipping paper requirements under this subchapter. A subsequent carrier may not transport a hazardous material unless it is accompanied by a shipping paper prepared in accordance with part 172 of this subchapter, except for § 172.204, which is not required.

(b) *Shipper certification.* An initial carrier may not accept a hazardous material offered for transportation unless the shipping paper describing the material includes a shipper's certification which meets the requirements in § 172.204 of this subchapter. Except for a hazardous waste, the certification is not required for shipments to be transported entirely by private carriage and for bulk shipments to be transported in a cargo tank supplied by the carrier.

(c) *Requirements when interlining with carriers by rail.* A motor carrier shall mark on the shipping paper required by this section, if it offers or delivers a freight container or transport vehicle to a rail carrier for further transportation;

(1) A description of the freight container or transport vehicle;

and

(2) The kind of placard affixed to the freight container or transport vehicle

(d) This subpart does not apply to a material that is excepted from shipping paper requirements as specified in § 172.200 of this subchapter.

(e) *Shipping paper accessibility-accident or inspection.* A driver of a motor vehicle containing hazardous material, and each carrier using such a vehicle, shall ensure that the shipping paper required by this section is readily available to, and recognizable by, authorities in the event of accident or inspection. Specifically, the driver and the carrier shall:

(1) Clearly distinguish the shipping paper, if it is carried with other shipping papers or other papers of any kind, by either distinctively tabbing it or by having it appear first; and

(2) Store the shipping paper as follows:

I. When the driver is at the vehicle's controls, the shipping paper shall be: (A) Within his immediate reach while he is restrained by the lap belt; and (B) either readily visible to a person entering the driver's compartment or in a holder which is mounted to the inside of the door on the driver's side of the vehicle.

II. When the driver is not at the vehicle's controls, the shipping paper shall be: (A) In a holder which is mounted to the inside of the door on the driver's side of the vehicle; or (B) on the driver's seat in the vehicle.

(f) *Retention of shipping papers.* Each person receiving a shipping paper required by this section must retain a copy or an electronic image thereof, that is accessible at or through its principal place of business and must make the shipping paper available, upon request, to an authorized official of a Federal, State, or local government agency at reasonable times and locations. For a hazardous waste, the shipping paper copy must be retained for three years after the material is accepted by the initial carrier. For all other hazardous materials, the shipping paper copy must be retained for 375 days after the material is accepted by the carrier. Each shipping paper copy must include the date of acceptance by the carrier. A motor carrier (as defined in 390.5 of subchapter B of chapter III of subtitle B) using a shipping paper without change for multiple shipments of one or more hazardous materials having the same shipping name and identification number may retain a single copy of the shipping paper, instead of a copy for each shipment made, if the carrier also retains a record of each shipment made that includes shipping name, identification number, quantity transported, and date of shipment.

[Amdt. 177-35, 41 FR 16130, Apr. 15, 1976, as amended by Amdt. 177-35A, 41 FR 40691, Sept. 20, 1976; Amdt. 177-48, 45 FR 47670, Nov. 10, 1980; Amdt. 177-65, 50 FR 11055, Mar. 19, 1985; Amdt. 177-72, 53 FR 17160, May 13, 1988; 67 FR 46123, July 12, 2002; 67 FR 66571, November 01, 2002; 68 FR 19258, April 18, 2003; 68 FR 57629, October 06, 2003]

§177.823 Movement of motor vehicles in emergency situations

(a) A carrier may not move a transport vehicle containing a hazardous material unless the vehicle is marked and placarded in accordance with part 172 or as authorized in §171.12a of this subchapter, or unless, in an emergency:

(1) The vehicle is escorted by a representative of a state or local government;

(2) The carrier has permission from the Department; or

(3) Movement of the transport vehicle is necessary to protect life or property.

(b) Disposition of contents of cargo tank when unsafe to continue. In the event of a leak in a cargo tank of such a character as to make further transportation unsafe, the leaking vehicle should be removed from the traveled portion of the highway and every available means employed for the safe disposal of the leaking material by preventing, so far as practicable, its spread over a wide area, such as by digging trenches to drain to a hole or depression in the ground, diverting

the liquid away from streams or sewers if possible, or catching the liquid in containers if practicable. Smoking, and any other source of ignition, in the vicinity of a leaking cargo tank is not permitted.

(c) Movement of leaking cargo tanks . A leaking cargo tank may be transported only the minimum distance necessary to reach a place where the contents of the tank or compartment may be disposed of safely. Every available means must be utilized to prevent the leakage or spillage of the liquid upon the highway.

[Amdt. 177-35, 41 FR 16130, Apr. 15, 1976, as amended by Amdt. 177-67, 50 FR 41521, Oct. 11, 1985; Amdt 177-86, 61 FR 18933, Apr. 29, 1996

Extracted from the Office of Hazardous Material Safety web site. For updates please check web site <http://www.mvregs.com/dotrspa/>



Troxler Electronic Laboratories, Inc.

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

Re: Troxler Gauge Disposal Policy

To Whom It May Concern:

Troxler is authorized to receive nuclear gauges for disposal under radioactive material license number 032-0182-1 issued by the State of North Carolina.

Nuclear gauges may be returned to Troxler for source removal and disposal subject to the following conditions:

1. No gauge or source will be accepted without a Returned Goods Authorization from Troxler.
2. Leaking sources will not be accepted.
3. Acceptance of damaged gauges depends on the feasibility of safely removing the sources. Troxler reserves the right to return any gauge to the customer if removal of the sources is deemed impractical for any reason.
4. Sources for which a licensed disposal pathway is not available will not be accepted.

Troxler will provide an acknowledgement of receipt to the customer upon acceptance of a source. Please contact Troxler for current disposal pricing and availability information.

Sincerely,

Stephen A. Browne
Corporate Radiation Safety Officer



This letter is to certify that Troxler Electronic Laboratories, Inc. is authorized to receive the type, form and quantity of radioactive materials contained in Troxler 3216, 3218, series 1200, series 3300, series 3400, 3241, 3242, 4300, 4350, 4545 and 4640 gauges under N.C. Radioactive Materials License number 032-0182-1 (currently under timely renewal) at the following location:

Troxler Electronic Laboratories, Inc.
3008 Cornwallis Road
Research Triangle Park, NC 27709

Troxler will accept *Troxler* gauges for disposal for the applicable fees if there is an available disposal pathway at the time of disposition. Troxler's Radioactive Materials License does not permit acceptance of a damaged source. However in the remote case of a damaged source, Troxler may be able to assist you in locating a company which will clean up the contamination and take possession of the material for disposal.

Sincerely,

James Byron
Assistant RSO

Troxler Electronic Laboratories, Inc. • Troxler International, Ltd.

Box 12057 • 3008 Cornwallis Road • Research Triangle Park, North Carolina 27709

Tel: (919) 549-8661 • Fax: (919) 549-0761

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

10/10/09, and to inform you that the initial processing which includes an administrative review has been performed.

Renew (29-30482-01)
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** 142946.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.