



CERTIFICATE OF DISPOSITION OF MATERIALS

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 FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to InfoCollect.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NECB-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.

LICENSEE NAME AND ADDRESS

Hot Asphalt Paving
609 Tito Castro Ave
Suite 102 PMB 384
Ponce, PR 00716-2232

LICENSE NUMBER

52-31452-01

DOCKET NUMBER

03038487

LICENSE EXPIRATION DATE

January 31, 2022

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 licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
 - a. Transfer of radioactive materials to the licensee listed below:
Seaman Nuclear Corporation, 7315 South First Street, Oak Creek, WI 53154 (414)7625106
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:
Two Density Nuclear Gauges SN A-750 and SN L-560, each containing 4.5 mCi radium 226
 - 2. By licensed disposal site:
 - 3. By waste contractor:
 - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

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 possessed 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
David Rhoe	Consultant	(787) 245-7248	crmidmr@aol.com

Mail all future correspondence regarding this license to:

Hot Asphalt Paving, 609 Tito Castro Ave, Suite 102 PMB 384, Ponce, PR 00716-2232

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE	SIGNATURE	DATE
JOSE LUIS TORRES XEBRON		Dec. 17 - 2020

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.

Seaman Nuclear Corporation

7315 South First Street • Oak Creek, WI 53154 USA
Tel 414-7625100 • Fax 414-762-5106
Info@SeamanNuclear.com

December 8, 2020

David Rhoe
CRMI
Paseo de la Fuente
D-4 Calle Tivoli
San Juan, PR 00926-6459

Re: Transfer of Nuclear Density Gauges for Disposal

Dear Mr. Rhoe:

This letter is to confirm our receipt for disposal of two Seaman Nuclear Corporation Density Gauges. The serial numbers are A-750 and L-560, each containing 4.5mCi radium-226.

The Seaman Nuclear Corporation certifies that it is authorized by Wisconsin License # 079-1257-01 to receive the type, form, and quantity of byproduct material transferred.

The former owner of these Gauges needs to keep a copy of this letter on file as a record of transfer for three years.

Send a copy of this letter to the licensing agency to demonstrate proper disposition of licensed materials.

Sincerely,



Scott C. Seaman
President

Leak Test Record
NRC License 52-25430-01

Leak Tested For:	Hot Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST tracable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	18-Oct-20	
Decay Activity uCi (from decay chart):	1.10543	0.05001
Standard (dpm):	2454054.6	111022.2
Instrument used to count wipe sample:	Ludlum	
Instrument Model Number:	2200	
Instrument Serial Number:	185815	
NIST Traceable Standard (cpm)	185583	14392
Counting Efficiency:	0.08	0.13
Counting Efficiency in percentage (%):	7.56	12.96
Counting time (minutes)	1	1
Background (cpm)	198	198
Minimum Detectable Activity:	1.185E-04	6.915E-05

Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
Note: Background counts were not subtracted from wipe test sample to calculate sample activity.

Source ID and Serial Number	Wipe Test	Gamma	Sample Activity
C-200 Ra-226 A-750	222	Sample Activity	0.00077
			0.00132

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


 David Rhoe Health/Medical Physicist

Leak Test Record
NRC License 52-25430-01

Leak Tested For:	Hot Asphalt	
Leak Tested By:	David Rhoe	
Standard Source (NIST traceable):	Am-241	Cs-137 NES-139S
Standard Activity (uCi):	1.145	0.105
Standard Date	15-Nov-98	09-Sep-88
Date of the Leak Test:	18-Oct-20	
Decay Activity uCi (from decay chart):	1.10543	0.05001
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Wipe (Smear) Test: All external or accessible surfaces of the source or housing are wiped with a piece of filter paper or other absorbent material which has been moistened with an appropriate solvent and the activity removed is measured.
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Source ID and Serial Number	Wipe Test	Sample Activity	Gamma Sample Activity
C-200 Ra-226 L-560	198	0.00118	0.00069

This test reveals that 0.005 microcuries or less was present as removable contamination. Should the removable contamination exceed 0.005 microcuries, the source must be removed from use and necessary measures taken according to NRC regulations.


 David Rhoe Health/Medical Physicist