



STAVOLA

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Stavola Company, Inc
P.O. Box 482
Red Bank, NJ 07701
Lab Phone 732-542-2328 x 329
Lab. Fax 732-389-0074
Cellular 732-522-0889

Facsimile Transmittal

Date: 10/15/2005
To: David Collins **Of:** NRC, Region 1 - Atlanta Georgia
Fax No: 404-562-4955, 610-337-5393 **Phone No:** 404-562-4735, 800-577-8510x24735
From: Edward Acquaro
Re: Draft version - Renewal Application for Material License
No. Pages: 4 (Includes this sheet)

LICENSE NUMBER:	29-20760-02
DOCKET NUMBER:	03033853
CONTROL NUMBER:	137049

Dear Mr. Collins,

Attached, please find the draft version of our Material License Renewal Application.

Thank you for your guidance in the preparation of this application.

I will await your call on Monday to discuss any necessary modifications.

Thank you.
Sincerely,

Edward E. Acquaro

NRC FORM 313 (8-2000) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3160-0120 EXPIRES: 08/31/2002 Estimated burden per response to comply with this mandatory collection request: 7.4 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 Management Branch (T-8 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0000), 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: CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS 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 APPLICATIONS TO: SAM MUNN ATLANTA FEDERAL CENTER U. S. NUCLEAR REGULATORY COMMISSION, REGION II #1 FORSYTH STREET, S.W., SUITE 23785 ATLANTA, GEORGIA 30303-8931	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 801 WARRENVILLE RD. LISLE, IL 60532-4351 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 SECTION U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 78011-8064
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03033853
X

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) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>29-20760-02</u>	2. NAME AND MAILING ADDRESS OF APPLICANT (include ZIP code) Stavola Asphalt Company P.O. Box 482 Red Bank, NJ 07701
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Stavola Asphalt Company 1 Hamilton Rd. Tinton Falls, N.J. 07724	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Edward E. Acquaro, RSO TELEPHONE NUMBER 732-542-2328 x329

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: <u>N/A</u>

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

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 Edward E. Acquaro, RSO	SIGNATURE 	DATE 5-11-05
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	



STAVOLA

EXECUTIVE OFFICE
 Drift Rd.
 Tinton Falls, NJ
 732-542-2328
 Fax 732-389-6083

Q.C. DEPARTMENT
 Hamilton Rd
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 732-542-2328 x325
 Fax 732-389-0074

ADDRESS REPLY
 P O Box 482
 Red Bank, NJ 07701

Form 313 - Attachment

APPLICATION FOR MATERIAL LICENSE

Item 5:

Item 6:

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
X		Cesium - 137	Sealed Source - Troxler Device - Troxler Model Numbers: 4640-B Thin Lift 3450 Road Reader 3440 Soils Gauge	All listed sources and devices conform to the SSD registration Certificate with regard to the maximum activity allowable.	Yes. All listed gauges are designed and used for measuring relative density of bituminous concrete and soil aggregates as required for the construction and rehabilitation of roads.	Not applicable
X		Americium - 241 (Americium, Beryllium)	Sealed Source - Troxler Device - Troxler 3450 Road Reader 3440 Soils Gauge	All listed sources and devices conform to the SSD registration Certificate with regard to the maximum activity allowable.	Yes. All listed gauges are designed and used for measuring relative density and moisture content of bituminous concrete and soil aggregates as required for the construction and rehabilitation of roads.	Not applicable

Item No. And Title	Response	Yes or No	Alternative Procedure Attached
7. RSO Name: Edward Acquaro	The RSO training and experience complies with NUREG-1556, Vol. 1, Rev. 1, dated 2001. "Individuals Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer"	Yes	n/a
8. Training for Individuals working in or frequenting restricted areas:	All authorized users complied with NUREG-1556, Vol. 1, Rev 1, dated 2001. "Training for Individuals Working in or Frequenting Restricted Areas"	Yes	n/a
9. Facilities and Equipment:	The RSO ensures that full compliance with the sections of NUREG-1556, Vol 1, Rev. 1 dated 2001 entitled "Radiation Safety Program - Public Dose" and "Radiation Safety Program - Operating and Emergency Procedures"		

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10. Radiation Safety Program -			
Audit Program:	A Radiation Safety - Audit Program is performed by the RSO annually. The portable gauge audit checklist (Appendix F of NUREG-1556, Vol. 1, Rev. 1) is used as a template to insure thoroughness. Records of the annual audits are kept on file indefinitely.		
Termination of Activities:	We understand that Section 8.10.2 of NUREG-1556 (Vol.1, Rev. 1) will serve as guidelines, if and when we decide to terminate our use of the regulated materials. NRC Form 314 will be submitted at such time.		
Survey Instruments:	In the event of an incident, we will have access to a NUREG-1556, Vol. 1, Rev. 1 compliant radiation survey meter.	Yes	n/a
Material Receipt and Accountability:	Physical inventory of our gauges is taken on a regular basis, in excess of the semi-annual requirement.	Yes	n/a
Occupational Dosimetry:	We maintain, for inspection by the 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.	Yes	n/a
Public Dose:	All gauges in use are under constant watch by a certified gauge user and/or are stored and transported in such a way as to prevent exposure to the public exceeding the NRC maximum stated dose as determined by calculation method.		
Operating and Emergency Procedures:	All gauge users have been instructed on operating and emergency procedures. Additionally, at least one copy of emergency procedures, like those in Appendix H of NUREG-1556, Vol. 1, Rev. 1, are with the gauge operator at all times.	Yes	n/a
Leak Testing:	Troxler Electronic Laboratories supplies the RSO with leak test "swipe" kits used to collect samples on a semi-annual basis which are then returned for analysis. Troxler reports the test results to us which then remain on file indefinitely.	Yes	n/a
Program maintenance:	All gauges are maintained as per the manufacturer's (Troxler Electronic Laboratories) instructions. Should maintenance or repairs require the source rod to be removed, the unit will be shipped to an NRC approved facility for the task.	Yes Yes	n/a n/a
Transportation:	Our gauge transportation procedures are reviewed by a representative of the NRC during inspections of our facilities.		

11. Waste Management - Gauge Disposal and Transfer:	Unwanted gauges are accepted by, and will be returned to the manufacturer, Troxler Electronic Laboratories.		
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