

(10-2017)  
10 CFR 30, 32,  
33, 34, 35, 36,  
37, 39, and 40



### APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 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 Information Services Branch (T-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@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.

**INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nurags/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

MATERIALS SAFETY LICENSING BRANCH  
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS  
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, 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  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

**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

**IF YOU ARE LOCATED IN:**

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, 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  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

Br. 2  
030341786

REC-051 0717-18 AM 06/18

**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 \_\_\_\_\_

C. RENEWAL OF LICENSE NUMBER 47-25444-01

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

Belt Paving, Inc.  
P.O. Box 1210  
Cumberland, MD 21501-1210

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

Belt Paving, Inc.  
304 Veterans LN -and- 11267 Waxler RD  
Keyser, WV 26726 Keyser, WV 26726

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Joe Farris

|                           |                                    |
|---------------------------|------------------------------------|
| BUSINESS TELEPHONE NUMBER | BUSINESS CELLULAR TELEPHONE NUMBER |
| 301-729-8994              | 301-707-0511                       |

BUSINESS E-MAIL ADDRESS

[jfarris@thebeltgroup.com](mailto:jfarris@thebeltgroup.com)

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.

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

10. RADIATION SAFETY PROGRAM.

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

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

9. FACILITIES AND EQUIPMENT.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions\*)  
(See 10 CFR 170 and Section 170.31)  
\*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

|              |                    |
|--------------|--------------------|
| FEE CATEGORY | AMOUNT ENCLOSED \$ |
| 3P(3121)     | 3300.00            |

**PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.**

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, 37, 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 82 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    |
| Randy J. Cirillo President                        |           | 7/12/18 |

**FOR NRC USE ONLY**

|             |          |            |      |
|-------------|----------|------------|------|
| TYPE OF FEE | FEE CODE | FEE AMOUNT | DATE |
|             |          |            |      |
| APPROVED BY | DATE     |            |      |
|             |          |            |      |



**P.O. BOX 1002  
CUMBERLAND, MD 21501-1002  
Telephone 301-729-8994  
Fax 301-729-0921**

*Attachment 1*

| A              | B  | C  |
|----------------|--|--|
| Element & Mass | Physical Form  | Maximum amount of radioactivity which will be possessed at any one time. |
| A. Cs-137      | Sealed source<br>Amersham Corporation<br>Model# CDCW 556<br>Capsule type X 1218<br>Model# CDCW 556<br>Capsule type XN. 30<br>Isotope Products Labs<br>Model# HEG 0058<br>Capsule type 3024 | No source to exceed 9 mCi  |
| B. Am-241      | Sealed Source (AEA<br>Technology/QSA Model<br>AMN.V997;<br>Isotope Products Models<br>Am1.N02,3021,3027 and<br>Troxler Drawings Nos.<br>A-100337)  | No source to exceed 44mCi  |



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*Attachment 2*

- A. Used in Troxler 4640 and 4640B to measure physical properties of materials.

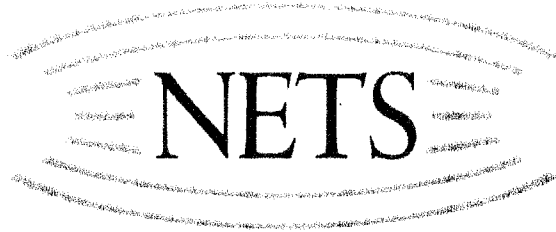


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*Attachment 3*

Joe Farris will be solely responsible for the Radiation Safety Program

*Training:*



North East Technical Services, Inc.

Certifies that

**Joe Farris**

Has successfully completed training in accordance with policies set forth by the following rules and Regulations governing Hazmat and refresher training requirements: 49CFR subpart H and IATA 1.5.2. Person Listed above has demonstrated a thorough understanding of all aspects needed for transportation and specific Emphasis was placed on portable nuclear density gauges. A closed book examination was administered And a passing score was achieved. Subjects included in this course were as follows: Radiological Safety – Principles and practices of radiation protection, leak-testing procedures, measurement of radioactivity, Biological effects of radiation, incident, storage, ALARA and emergency procedures.

A handwritten signature in black ink, reading "Kelli Rill". The signature is written in a cursive, flowing style. Below the signature is a horizontal line.

Instructor – Kelli Rill

Date of Training: March 29, 2018

# NETS

North East Technical Services, Inc.

Certifies that

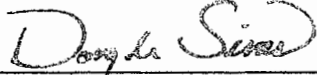
## Joe Farris

Has successfully completed North East Technical Services, Inc. Radiation Safety Officer Training Course for Nuclear Gauges, in accordance with Nuclear Regulatory Commission and current US DOT regulations.

Training materials are maintained at:

North East Technical Services, Inc.  
75 Aileron Court, Suite 4  
Westminster, MD 21157

Date of Completion: January 15, 2014

  
Instructor: Douglas C. Sims



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*Attachment 4*

Training for individuals frequenting restricted areas will be successful completion of an authorized radiation safety training class in accordance with appendix D of NUREG 1556.



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*Attachment 5*

Radioactive material will be stored in a locked closet 15 feet away from any full time work station. Area will have the required postings.





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## *Attachment 6*

### Radiation Safety Program

#### PERSONNEL MONITORING

- Ensure all radioactive materials are used only by individuals who are authorized and that personal monitoring devices are worn at all times. Badges will be exchanged at intervals not to exceed 3 months and be provided by an accredited NVLAP processor.
- Dose reports shall be reviewed by the RSO to determine compliance with regulatory exposure limits and to confirm that personnel exposures are ALARA.
- The monitoring report shall be posted and the RSO will maintain a copy on file.

#### SEALED SOURCE LEAK TESTING

- Leak tests will be performed at intervals not to exceed 6 months. Leak test samples will be analyzed by an organization authorized by the NRC or agreement state to perform analysis.

#### RADIATION DETECTION INSTRUMENTS

We will possess a survey meter in the event of an incident involving the gauge. It will be calibrated annually.

#### MATERIAL RECEIPT AND ACCOUNTABILITY

- Ensure that all terms and conditions of the license and applicable regulations are complied with.
- Ensure radioactive materials are properly secured against unauthorized removal.
- Ensure audits of the program are performed annually and corrective action is taken.
- Ensure license is maintained current and amendment and renewal requests are submitted in a timely manner.
- Physical inventories of sealed sources will be conducted at intervals not to exceed 6 months.
- Records of receipt, transfer, and disposal of gauges will be maintained for at least 3 years.
- Annual audits will be performed and corrective action taken.



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### PUBLIC DOSE

- Ensure that gauges are used, transported, and stored in a manner that no member of the public receives more than 100 mrem in one year.
- Ensure that the dose in any unrestricted area does not exceed 2 mrem in any one hour.

### OPERATING AND EMERGENCY PROCEDURES

- Locate sources
- Seal off or cordon off a 15 foot radius around the gauge to prevent unauthorized entry.
- If a vehicle is involved, it must not be moved until the extent of contamination (if any) is determined.
- Visually inspect the gauge to determine whether the any damage to the source, shielding, or housing has been sustained.
- As soon as possible notify the RSO. Describe the present conditions and follow the instructions of the RSO.

The RSO will take the following action upon notification of an incident. An incident is defined as:

1. Lost, stolen or missing sources.
2. Events that cause or threaten exposures to individuals in excess of regulatory limits
3. Leaking or contaminated sealed sources.

Arrange for a radiation survey to be conducted as soon as possible by a knowledgeable person using the appropriate radiation detection equipment to assess the integrity of the source encapsulation and shielding, and determine the extent of contamination, if any, of personnel, equipment, and facilities, or areas. Notify regulatory authorities as required. If initial notification was made by phone, a written report must be submitted within 30 days.



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### MAINTENANCE

Maintenance shall be conducted by the manufacturer or other persons specifically licensed by the US Nuclear Regulatory Commission or an Agreement State to perform such services.

### TRANSPORTATION

Transportation of radioactive material will be in accordance with all applicable Department of Transportation requirements. HAZMAT training will be accomplished at intervals not to exceed 3 years for ground transportation and 2 year intervals if shipping by air.



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*Attachment 7*

No radioactive waste per se is generated by the operations conducted under this license.